



DUNCAN AVIATION

**2015 PIPER MERIDIAN
N929DA S/N 4697573**

TECHNICAL HISTORY



**ALL SPECIFICATIONS ARE SUBJECT TO VERIFICATION AND INSPECTION
BY PURCHASER. SUBJECT TO PRIOR SALE OR WITHDRAWAL FROM MARKET.**



2015 PIPER MERIDIAN N929DA S/N 4697573

**New 5-Blade Prop will be
installed 7/2023.**





New 5-Blade Prop will be installed 7/2023



► CORE VALUES



At Duncan Aviation, We:

Deliver high-quality products and services.

Charge fair prices and provide efficient turntimes.

Lead through action and innovation.

Focus on solutions and offer positive suggestions.

Respect others and are accountable
for our actions.

Maintain a team approach.

Value honesty, integrity, loyalty and trust.

Promote safety, health and wellness.

Support our communities and respect
the environment.

Are proud to be the best at what we do.

“As you live your values, your sense of identity, integrity, control, and inner-directedness will infuse you with both exhilaration and peace. You will define yourself from within, rather than by people’s opinions or by comparisons to others.”

— *Steven Covey, Author and Public Speaker*

“Set your expectations high; find (those) whose integrity and values you respect, set them on a course of action and give them your ultimate trust.”

— *John Akers, Former CEO of IBM*



AIRCRAFT SERVICE REGISTRATION AND EQUIPMENT IDENTIFICATION

OWNER SERVICE AGREEMENT POLICY NO.	
63630	
CUSTOMER DELIVERY DATE	TACH
11/14/14	4.5
PIPER DEALER	
1032	

WHITE - OWNER COPY (keep with aircraft)
PINK - FACTORY COPY
BLUE - DEALER COPY

POH # VB-1993
~~Aircraft Key # PA222~~
Fuel Key # N/A

A/C MODEL YEAR 2015	A/C MODEL PA-46-500TP	SERIAL NUMBER 4697573	REGISTRATION NUMBER N929DA
OWNER'S NAME A&W Air, LLC		DEALER Flightline Group, Inc.	
ADDRESS 3325 Crews Lake Drive Lakeland, FL 33813		ADDRESS 3256 Capital Circle SW Tallahassee, FL 32310	

EQUIPMENT IDENTIFICATION - FACTORY INSTALLED

ENGINE(S)	MODEL	SERIAL NUMBERS	PROPELLER	MODEL	SERIAL NUMBERS
1. LEFT/SINGLE	PT6A-42A	PCE-RM0651	3. HUB	HC-E4N-3Q	HH4976
			4. BLADE	L52436 L52439	L52437 L52434
2. RIGHT/TWIN			5. HUB		
			6. BLADE		

AVIONICS

MFG.	NOMENCLATURE AND MODEL	SERIAL NUMBER	MFG.	NOMENCLATURE AND MODEL	SERIAL NUMBER	
7. Garmin	GIA-63W (G-1000)	1HQ011552		Honeywell	KTA 810 Processor	KTA810-4225
8.	GIA-63W (G-1000)	1HQ011564			KA 815 Antenna (RT)	30412
9.	GMA 1347 Audio pnl #1	47115896		Honeywell	KA 815 Antenna (LT)	28289
10.	GMA 1347 Audio pnl #2	47115925			KCM 805 Module	18675
11.	GTX 33 ES Transponder #1	89127964		Stormscope	WX-500	100498
12.	GTX 33 ES Transponder #2	89128053			NY-163 Antenna	100361
13.	Ant. CI-105 1	67686		Sandia	Five Card Case SRU5	2110
14.	Ant. CI-105 2	67688			Tach Adaptor	932
15.	GDU 1040 Dsply #1	88958396			Relay Board SR623	2801
16.	GDU 1040 Dsply #2	88958407			Relay Board SR623	2828
17.	GDU 1500 Dsply	43226287			Diode BD SA24	2136
18.	GEA 71 Interface (DAU)	46719071			Diode BD SA24	2166
19.	GRS 77 AHRS #1	42027797				
20.	GRS 77 AHRS #2	42027802		L3	ATT. GYRO	90111
21.	GMU 44 MAG #1	47523326		Thommen	Airspeed	1080063
22.	GMU 44 MAG #2	47523327			Altimeter	1077565
23.	GDC 74A a/d Comp.#1	20618429		Safe Flight	Lift Computer	159285-04
24.	GDC 74A a/d Comp.#2	20618438		Honeywell	Cabin Alt/ADJ	84-C1255
25.	GA 35 WAAS Ant.	106191		ARTEX	ME 406 ELT	242-02412
26.	GA 35 WAAS Ant	106249			Battery replace Date	NOV 2021
27.	GCU 476 Key Pad	21905707		Artex	ELT Beacon Code	ADCC4 025B0 003C9
28.	GDL 69A	47767962		Moritz	Enviro Panel	5146
29.	GWX 68 WX Radar	83953782		Enviro Sys.	Temp. Controller	722
30.	Radar Antenna	1315			Cabin Temp. Sensor	1485
31.	XM WX ID (data)	T3L3YORQ			Mass Flow Cont.	549
32.	XM Audio ID	Q593YO84		ASTRONICS	INVERTER	001795
33.	GTP 59 OAT Probe #1	47924726		BFG	PS-834A	80554
34.	GTP 59 OAT Probe #2	47925312		COMANT	COM ANT CI-139	467443
35.	GAE 43 Alt. Data Sys.	12587			COM ANT CI-2680	465605
36.	G1000 SW Version	0720.17		MEGGITT	FUEL QTY PROC #1	AAR0070
37.	G1000 SYS ID	253C724E5			FUEL QTY PROC #2	AAR0071

AUTOMATED FLIGHT SYSTEM

NOMENCLATURE	SERIAL NUMBER	NOMENCLATURE	SERIAL NUMBER
69. GMC 710 Auto pilot	22007258	74. Yaw Servo Mount	1GK011740
70. Pitch Servo Mount	1GK011826	75. Yaw Motor	1A1011467
71. Pitch Motor	1A1011464	76. Trim Servo Mount	1GJ005443
72. Roll Servo Mount	1GK011829	77. Trim Motor	1A1011463
73. Roll Motor	1A1011471		

Handwritten: 1929DA N929DA



6.9 WEIGHT AND BALANCE DETERMINATION FOR FLIGHT (cont)

	Weight (pounds)	Arm Aft of Datum (inches)	Moment (inch-pounds)
Basic Empty Weight	3380.0	136.01	459713.8
Pilot (Seat 1)	170.0	135.50	23035.0
Copilot (Seat 2 - Non Folding Seat)*	170.0	135.50	23035.0
Copilot (Seat 2 - Folding Seat)**		136.70	
Center Passenger L/H (Seat 3)	180.0	177.00	31860.0
Center Passenger R/H (Seat 4)		177.00	
Rear Passenger L/H (Seat 5)		218.75	
Rear Passenger R/H (Seat 6)		218.75	
Radar pod stowage compartment (max. 5 pounds-soft items only)		157.48	
Aft Golf Baggage net (105 lbs. max. -3 bags)-optional		222.31	
Aft Baggage (100 lbs. max.) (50 lbs. maximum with golf bag)	80.0	248.23	19858.4
Aft oil stowage compartment (maximum - 5 pounds)		286.50	
Zero Fuel Weight (maximum - 4850 pounds)	3980.0	140.08	557502.2
Fuel (170 gals. maximum) ¹ @ 6.70 pounds per gallon	904.5	148.36	134188.7
Maximum Ramp Weight (5134 pounds)	4884.5	141.61	691690.9
Fuel allowance for Engine Start, Taxi and Run up ²	-42.61	149.89	-6386.63
Maximum Takeoff Weight (5092 pounds)	4841.89	141.54	685304.23

Locate the arm (Center of Gravity, C.G.) of the takeoff weight on the Center of Gravity Limits graph (figure 6-33). If this point falls within the Weight/C.G. envelope, the loading is acceptable for takeoff.

* Aircraft S/N 4697340, 4697399 - 4697457

** Aircraft S/N 4697458 & Up

Example of Weight and Balance Computation Form
Standard Configuration (Sample Loading)

Figure 6-9



6.9 WEIGHT AND BALANCE DETERMINATION FOR FLIGHT (cont)

	Weight (pounds)	Arm Aft of Datum (inches)	Moment (inch-pounds)
Basic Empty Weight			
Pilot (Seat 1)		135.50	
Copilot (Seat 2 - Non Folding Seat)*		135.50	
Copilot (Seat 2 - Folding Seat)**		136.70	
Stowage Area #1 (Maximum 5 pounds) (see Figure 6-31)		158.45	
Stowage Area #2 (Maximum 5 pounds) (see Figure 6-31)		158.45	
Stowage Area #3 (Maximum 5 pounds) (see Figure 6-31)		158.45	
Stowage Area #4 (Maximum 5 pounds) (see Figure 6-31)		171.25	
Ice Chest drawer (Maximum 20 pounds) (see Figure 6-31)		183.85	
Center Passenger R/H (Seat 4)		177.00	
Rear Passenger L/H (Seat 5)		218.75	
Rear Passenger R/H (Seat 6)		218.75	
Radar pod stowage compartment (maximum 5 pounds-soft items only)		157.48	
Aft Golf Baggage net (105 lbs. maximum -3 bags)-optional		222.31	
Aft Baggage (100 lbs. max. (50 lbs. maximum with golf bag net option))		248.23	
Aft oil stowage compartment (maximum - 5 pounds)		286.50	
Zero Fuel Weight (maximum - 4850 pounds)			
Fuel (170 gals. maximum) ¹ @ 6.70 pounds per gallon			
Maximum Ramp Weight (5134 pounds)			
Fuel allowance for Engine Start, Taxi and Run up ²	-42.61		
Maximum Takeoff Weight (5092 pounds)			

Locate the arm (Center of Gravity, C.G.) of the takeoff weight on the Center of Gravity Limits graph (figure 6-33). If this point falls within the Weight/C.G. envelope, the loading is acceptable for takeoff.

* Aircraft S/N 4697340, 4697399 - 4697457

** Aircraft S/N 4697458 & Up

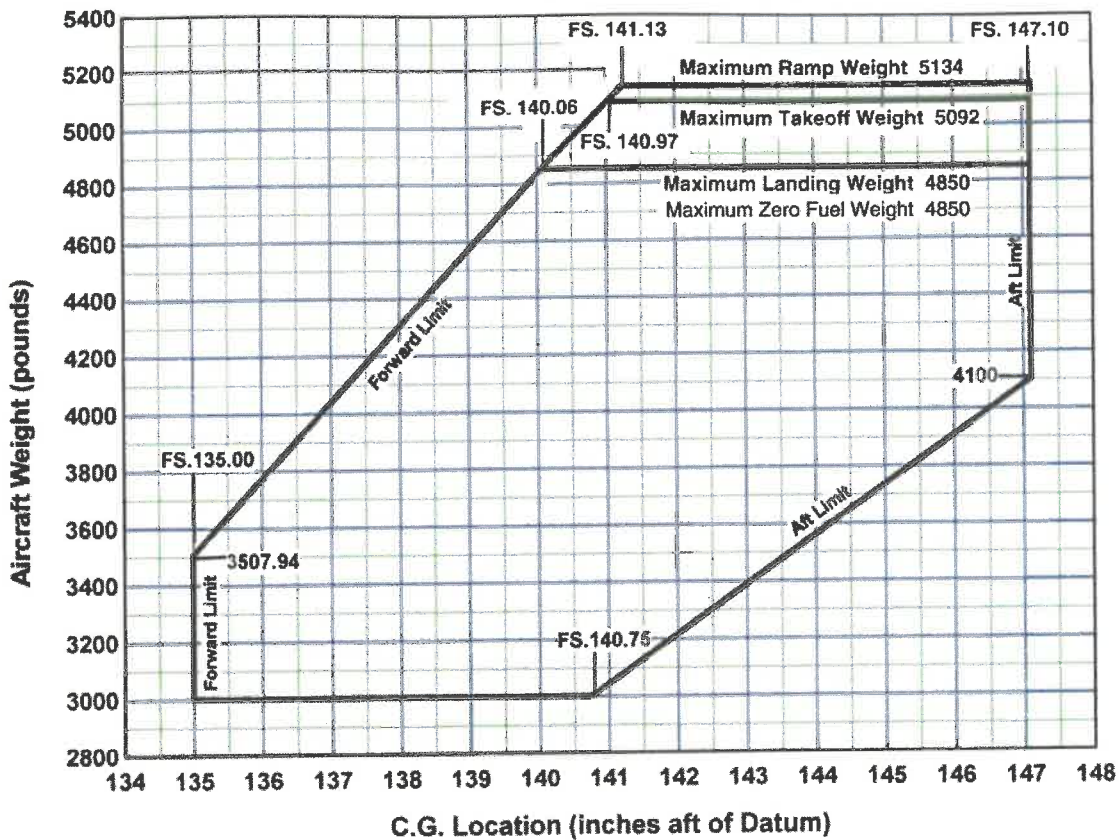
Refer to page 6-17a for Notes 1 and 2.

Weight and Balance Computation Form
Executive/Entertainment Configuration (Normal Category)

Figure 6-13B



6.9 WEIGHT AND BALANCE DETERMINATION FOR FLIGHT (cont)



Center of Gravity Limits Graph
Figure 6-33



U.S. Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301(a)).

1. Aircraft	Nationality and Registration Mark N929DA	Serial No. 4697573
	Make Piper	Model PA-46-500TP
2. Owner	Name (As shown on registration certificate) JE Aero, LLC	Address (As shown on registration certificate) Address 68 Meerose Place City Montclair State NJ Zip 07042 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address			B. Kind of Agency		
Name	Shoreline Aviation, Inc. - Edward J. Novak Jr.		<input checked="" type="checkbox"/>	U.S. Certificated Mechanic	Manufacturer
Address	93 Old Colony Lane		<input type="checkbox"/>	Foreign Certificated Mechanic	C. Certificate No. 2832024
City	Marshfield	State MA	<input type="checkbox"/>	Certificated Repair Station	
Zip	02050	Country USA	<input type="checkbox"/>	Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>Edward J. Novak Jr.</i> Edward J. Novak Jr. 6/15/22
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7. Approval for Return To Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is APPROVED REJECTED

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	<input checked="" type="checkbox"/>	Inspection Authorization Other (Specify)
Certificate or Designation No. A+P 2832024 IA		Signature/Date of Authorized Individual <i>Edward J. Novak Jr.</i> Edward J. Novak Jr. 6/15/22		

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N929DA

Nationality and Registration Mark

6/15/22

Date

- 1) Removed original equipment RG-41 main airplane battery.
- 2) Installed a new Concorde main aircraft battery (part # RG41/53, serial # 41227490) per STC SA01050DE.
- 3) Weight and balance updated.
- 4) Instructions for continued airworthiness (ICA's) were placed with the aircraft maintenance records.

Additional Sheets Are Attached



United States of America
 Department of Transportation
 Federal Aviation Administration
Supplemental Type Certificate

Number: SA01050DE

This certificate issued to: *Concorde Battery Corporation*
 2009 W San Bernardino Road
 West Covina, CA 91790

Certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of Federal Aviation Regulations

Original Product *A25SO*
 Type Certificate Number:

Make: *Piper Aircraft Inc.*

Model: *PA-46-500TP, PA-46-600TP*

Description of Type Design Change:

Installation of aircraft main battery replacement with Concorde valve regulated Lead-Acid battery in accordance with Document No. 5-0691, Master Drawing List, Piper M500 & M600 Battery Upgrade, Revision NC dated 6/11/20, FAA approved 7/3/2020 or later FAA approved revision. Instructions for Continued Airworthiness (ICA), Document No. 5-0693, Revision NC dated 6/11/20, FAA Accepted 7/3/2020, or later FAA accepted revision are required to be made available at installation. An FAA Approved Airplane Flight Manual Supplement is not required for this modification.

Limitations and Conditions:

- 1. The installer must determine whether this design change is compatible with previously approved modifications.*
- 2. If the holder agrees to permit another person to use this certificate to alter a product, the holder must give the other person written evidence of that permission.*

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked, or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: 01/06/2020

Date Reissued: _____

Date of Issuance: 07/03/2020

Date Amended: _____

By Direction of the Administrator

Signature:

*Kreg R. Voorhies, ODA Lead administrator
 Cert Works, LLC ODA*

Title: *ODA No. ODA(AIR)-833887-NM*

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U. S. C. §46301(a))

1. Aircraft	Nationality and Registration Mark N929DA	Serial No. 4697573	
	Make PIPER	Model PA46-500TP	Series PA46
2. Owner	Name (As shown on registration certificate) JE AERO LLC	Address (As shown on registration certificate) 68 MEEROSE PL MONTCLAIR, NJ 07042 USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	(As described in Item 1 above)	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-PLYMOUTH, MA 02360 USA	B. Kind of Agency <input type="checkbox"/> U. S. Certificated Mechanic <input type="checkbox"/> Foreign Certificated Mechanic <input checked="" type="checkbox"/> Certificated Repair Station <input type="checkbox"/> Certificated Maintenance Organization C. Certificate No. N4OR087B
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D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 	BENJAMIN SCHULTZ 04-February-2019
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY	FAA Designee	<input checked="" type="checkbox"/> Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. N4OR087B	Signature/Date of Authorized Individual 	MICHAEL REARICK 04-February-2019
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(if more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N929DA

Feb-04-2019

Nationality and Registration Mark

Date

GENERAL:

ALL WORK PERFORMED CONFORMS TO THE PARAMETERS SET FORTH IN THE FARs AND THE RECOMMENDATIONS AND GUIDELINES SET FORTH IN AC43.13-1B AND AC43.13-2B.

- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 10, WEIGHT AND BALANCE
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 11, AIRCRAFT ELECTRICAL SYSTEMS
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 12, AIRCRAFT AVIONICS SYSTEMS
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 1, PARA. 100 THROUGH 114, STRUCTURAL DATA
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 2, PARA. 200 THROUGH 210, RADIO INSTALLATIONS
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 3, PARA. 300 THROUGH 312, ANTENNA INSTALLATIONS

REMOVED THE FOLLOWING:

- GTX 33ES TRANSPONDER
- GTX 33ES TRANSPONDER

INSTALLED THE FOLLOWING:

1. GARMIN GTX335 TRANSPONDER IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION MANUAL, 190-00734-10, REV 10 DATED FEB 2018, GARMIN STC # SA01714WI. FOR REGULATORY COMPLIANCE PLEASE REFERENCE GARMIN STC # SA01714WI AND THE FOLLOWING TSO APPROVAL:

FAA TSO-C166B (EXTENDED SQUITTER AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST (ADS-B) AND TRAFFIC INFORMATION SERVICE - BROADCAST (TIS-B) EQUIPMENT OPERATING ON THE RADIO FREQUENCY OF 1090 MEGAHERTZ (MHZ)

2. GARMIN GTX345 TRANSPONDER IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION MANUAL, 190-00734-10, REV 10 DATED FEB 2018, GARMIN STC # SA01714WI. FOR REGULATORY COMPLIANCE PLEASE REFERENCE GARMIN STC # SA01714WI AND THE FOLLOWING TSO APPROVAL:

FAA TSO-C166B (EXTENDED SQUITTER AUTOMATIC DEPENDENT SURVEILLANCE - BROADCAST (ADS-B) AND TRAFFIC INFORMATION SERVICE - BROADCAST (TIS-B) EQUIPMENT OPERATING ON THE RADIO FREQUENCY OF 1090 MEGAHERTZ (MHZ)

PERFORMED MAINTENANCE OPERATION CHECK (MOC).

PERFORMED EMI TESTING IN ACCORDANCE WITH AC 43.13-1B PARA. 11-107, INTERFERENCE TESTS

UPDATED AIRCRAFT WEIGHT AND BALANCE

POWER ASSESSMENT DONE IN ACCORDANCE WITH FAR REQUIREMENTS. POWER LOAD DOES NOT EXCEED 80% OF THE AIRCRAFT SYSTEM CAPACITY, DETERMINED BY CALCULATION

NOTES: LOGBOOK ENTRIES MADE PER FAR REQUIREMENTS

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS:

GTX 345 MAINTENANCE MANUAL INSTRUCTIONS FOR CONTINUED AIRWORTHINESS, PN: 190-00734-11 (LATEST REV)

*****NOTHING FOLLOWS*****

ADDITIONAL SHEETS ARE ATTACHED



US Department of Transportation
Federal Aviation Administration

**MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)**

OMB No. 2120-0020
Exp: 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA N929DA	Serial No. 4697573
	Make Piper	Model PA-46-500TP
2. Owner	Name (As shown on registration certificate) A&W AIR LLC	Address (As shown on registration certificate) Address 3325 Crews Lake Dr City Lakeland State FL Zip 33813-3971 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	Piper	(As described in Item 1 above)	4697573
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No.	
Name	Sun Aviation, Inc.	<input type="checkbox"/>	U. S. Certificated Mechanic	<input type="checkbox"/>	Manufacturer
Address	3102 Cherokee Dr.	<input type="checkbox"/>	Foreign Certificated Mechanic	<input checked="" type="checkbox"/>	Certificated Repair Station
City	Vero Beach State FL	<input type="checkbox"/>	Certificated Maintenance Organization	ECWD470D	
Zip	32960 Country USA				

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual <i>R. Peasley 5/22/2017</i>
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. ECWD470D	Signature/Date of Authorized Individual <i>R. Peasley 5/22/2017</i>
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

USA N929DA

5/22/2017

Nationality and Registration Mark

Date

Installed Mid-Continent MD302 Standby Attitude Module.

Removed existing 2 1/2" Standby Attitude, Altimeter and Airspeed Instruments and Standby Attitude battery. Fabricated a mounting plate and mounted the SAM in the location vacated by the three 2 1/2" instruments. The Mid-Continent MD302 Standby Attitude Module was installed in accordance with the Mid-Continent MD302 Series Installation Manual No. 9017782 Rev J dated August 27, 2015. The MD302 is approved for use as stand-by instrumentation by AML STC SA01969SE.

Installation is in compliance with FAR 23.1301, 23.1309 and 23.1431.

All work was performed in accordance with the manufacturer's installation instructions, AC43.13-1B Chapter 7 Sections 1-8, Chapter 11 Sections 3, 6-16 and 17, and Chapter 10; and AC43.13-2B Chapters 2 and 3.

The MD302 Standby Attitude Module Pilot Guide, Mid-Continent Manual Number 9017846 Rev G dated January 6, 2017 was placed on board the aircraft.

Aircraft Weight and Balance and Equipment List were amended to reflect this alteration.

Electrical system load was monitored and found not to exceed manufacturer's specifications.

Instructions for continuing airworthiness are contained in the MD302 Series SAM Installation Manual Number 9017782 and were provided to the aircraft owner for incorporation in the aircraft's permanent records.

-----End-----

Additional Sheets Are Attached



US Department of
Transportation
Federal Aviation
Administration

**MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)**

Form Approved
OMB No 2120-0020
2/28/2011

Electronic Tracking
Number
100418

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation (49 U.S.C. §46301(a)).

1. Aircraft	Nationality and Registration Mark U.S.A. N929DA	Serial No 4697573
	Make Piper	Model PA-46-500TP
2. Owner	Name (As shown on registration certificate) JE AERO LLC	Address (As shown on registration certificate) 68 MEEROSE PL MONTCLAIR, NJ 07042

3. For FAA Use Only

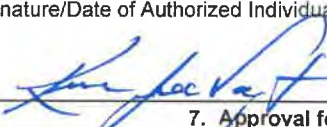
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Airframe	-----	(As described in item 1 above)	-----
<input type="checkbox"/>	<input type="checkbox"/>	Powerplant			
<input type="checkbox"/>	<input type="checkbox"/>	Propeller			
<input type="checkbox"/>	<input type="checkbox"/>	Appliance	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency			
AMI Aviation Services, LLC 4151 Centerline Lane Sanford, FL 32773		<input type="checkbox"/>	US Certificated Mechanic	<input type="checkbox"/>	Manufacturer
		<input type="checkbox"/>	Foreign Certificated Mechanic	C. Certificate No	
		<input checked="" type="checkbox"/>	Certificated Repair Station	6A5R818B	
		<input type="checkbox"/>	Certificated Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual  5-12-2020
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

By	<input type="checkbox"/>	FAA Fit. Standards Inspector	<input type="checkbox"/>	Manufacturer	<input type="checkbox"/>	Maintenance Organization	<input type="checkbox"/>	Person Approved by Canadian Depart of Transportation
	<input type="checkbox"/>	FAA Designee	<input checked="" type="checkbox"/>	Repair Station	<input type="checkbox"/>	Inspection Authorization	Other (Specify)	

Certificate or Designation No 6A5R818B	Signature/Date of Authorized Individual  5-12-2020
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U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U. S. C. §46301(a))

1. Aircraft	Nationality and Registration Mark N929DA	Serial No. 4697573	
	Make PIPER	Model PA46-500TP	Series PA46
2. Owner	Name (As shown on registration certificate) JE AERO LLC		Address (As shown on registration certificate) 68 MELROSE PL MONTCLAIR, NJ 07042 USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	AIRFRAME	_____	<i>(As described in Item 1 above)</i>	_____
<input type="checkbox"/>	<input type="checkbox"/>	POWERPLANT			
<input type="checkbox"/>	<input type="checkbox"/>	PROPELLER			
<input type="checkbox"/>	<input type="checkbox"/>	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 USA	B. Kind of Agency <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 60%;"><input type="checkbox"/> U. S. Certificated Mechanic</td> <td style="width: 40%;">Manufacturer</td> </tr> <tr> <td><input type="checkbox"/> Foreign Certificated Mechanic</td> <td>C. Certificate No.</td> </tr> <tr> <td><input checked="" type="checkbox"/> Certificated Repair Station</td> <td>N4OR087B</td> </tr> <tr> <td><input type="checkbox"/> Certificated Maintenance Organization</td> <td></td> </tr> </table>	<input type="checkbox"/> U. S. Certificated Mechanic	Manufacturer	<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.	<input checked="" type="checkbox"/> Certificated Repair Station	N4OR087B	<input type="checkbox"/> Certificated Maintenance Organization	
<input type="checkbox"/> U. S. Certificated Mechanic	Manufacturer								
<input type="checkbox"/> Foreign Certificated Mechanic	C. Certificate No.								
<input checked="" type="checkbox"/> Certificated Repair Station	N4OR087B								
<input type="checkbox"/> Certificated Maintenance Organization									

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B <input type="checkbox"/>	Signature/Date of Authorized Individual 	BENJAMIN SCHULTZ 17-May-2021
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is Approved Rejected

	FAA Fit Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY	FAA Designee <input checked="" type="checkbox"/>	Repair Station	Inspection Authorization	Other (Specify)

Certificate or Designation No. N4OR087B	Signature/Date of Authorized Individual 	DAVID FETHERSTON 17-May-2021
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

N929DA
Nationality and Registration Mark

May-17-2021
Date

GENERAL:

ALL WORK PERFORMED CONFORMS TO THE PARAMETERS SET FORTH IN THE FARs AND THE RECOMMENDATIONS AND GUIDELINES SET FORTH IN AC43.13-1B AND AC43.13.2B.

- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 10, WEIGHT AND BALANCE
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 11, AIRCRAFT ELECTRICAL SYSTEMS
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 12, AIRCRAFT AVIONICS SYSTEMS
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 1, PARA. 100 THROUGH 114, STRUCTURAL DATA
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 2, PARA. 200 THROUGH 210, RADIO INSTALLATIONS
- FAA ADVISORY CIRCULAR 43.13-1B, CHAPTER 3, PARA. 300 THROUGH 312, ANTENNA INSTALLATIONS

REMOVED THE FOLLOWING:

- GARMIN PRIMARY FLIGHT DISPLAY GDU1040
- GARMIN PRIMARY FLIGHT DISPLAY GDU1040
- GARMIN MULTI FUNCTION DISPLAY GDU 1500
- GARMIN CONTROLLER GCU 476

INSTALLED THE FOLLOWING:

1. INSTALLED LEFT SIDE AND RIGHT SIDE GARMIN G1000NXI PRIMARY FLIGHT DISPLAYS (PFD) AND GARMIN G1000NXI MULTI FUNCTION DISPLAY (MFD) AND GARMIN CONTROLLER (GCU 476) IN ACCORDANCE WITH GARMIN INSTALLATION INSTRUCTIONS 190-01423-02 REVISION 1 DATED JUNE 17, 2021 AND GARMIN STC #SA01947WI. FOR REGULATORY COMPLIANCE PLEASE REFERENCE THE FOLLOWING TSO APPROVALS:

- FAA TSO-C2D AIRSPEED INSTRUMENTS
- FAA TSO-C8E VERTICAL VELOCITY INSTRUMENTS
- FAA TSO-C106 AIR DATA COMPUTER
- FAA TSC-C113A AIRBORNE MULTIPURPOSE ELECTRONIC DISPLAYS
- FAA TSO-C201 ATTITUDE AND HEADING REFERENCE SYSTEMS
- FAA TSO-C44B FUEL FLOWMETER
- FAA TSO-C43B EXHAUST GAS TEMPERATURE INDICATOR

PERFORMED MAINTENANCE OPERATION CHECK (MOC).

PERFORMED EMI TESTING IN ACCORDANCE WITH AC 43.13-1B PARA. 11-107, INTERFERENCE TESTS

UPDATED AIRCRAFT EQUIPMENT LISTING

UPDATED AIRCRAFT WEIGHT AND BALANCE

POWER ASSESSMENT DONE IN ACCORDANCE WITH FAR REQUIREMENTS. POWER LOAD DOES NOT EXCEED 80% OF THE AIRCRAFT SYSTEM CAPACITY, DETERMINED BY CALCULATION.

NOTES:

LOGBOOK ENTRIES MADE PER FAR REQUIREMENTS

INSTRUCTIONS FOR CONTINUED AIRWORTHINESS(LATEST VERSION):

GARMIN G1000NXI SYSTEM MAINTENANCE MANUAL AND IAC, STC P/N: 190-01423-02 REV 1

***** NOTHING FOLLOWS *****

ADDITIONAL SHEETS ARE ATTACHED

Item #	Bulletin No.	Bulletin Description	Bulletin Date	Date Completed	Remarks
1	1052	NLG Steering Bungee Mod.	2/26/2001	DNA - S/N 4697003-35 & 37	
2	1053	O.A.T. Probe Relocation	4/3/2001	DNA - S/N 4697003-39	
3	1054	Crew Seat Insp. & Mod.	4/12/2001	DNA - S/N 4697003-35 & 37	
4	1055	Eng. Quadrant Insp. & Mod.	5/29/2001	DNA - S/N 4697003-40	
5	1056	Fuel Drain Valve Insp. & Repl.	4/4/2001	DNA - S/N 4697003-35 & 37	
6	1058	Overhead Switch Panel R+R	5/31/2001	DNA - S/N 4697003-52 & 54	
7	1059	Low Press. Fuel Pump Leak Insp.	6/11/2001	DNA - S/N 4697003-44	
8	1060	Brake Pedal Binding	5/15/2001	DNA - S/N 4697001-55	
9	1061	NLG Strut Snap Ring Insp.	6/19/2001	DNA - S/N 4697001-46 & See Bulletin	
10	1062	Flap Bellcrank Insp. (AD 01-12-01)	5/11/2001	DNA - S/N 4697001-20 & See Bulletin	
11	1063	Circuit Breaker Panel Mod.	6/11/2001	DNA - S/N 4697003-60	
12	1064	Flow Control Valve Clip Inst.	6/14/2001	DNA - S/N 4697001-49	
13	1065	Elev. Cable R+R	7/25/2001	DNA - S/N 4697001-57	
14	1066	Cabin Door Latch	7/10/2001	DNA - S/N 4697001-47	
15	1067A	Resistor Shroud Inst (Small Console not installed	8/8/2001	DNA - S/N 4697001-75	
16	1068	Fuel System Fitting Leakage	7/19/2001	DNA - S/N 4697001-68	
17	1069	Fuel Fitting & Solenoid Valve Mod.	7/19/2001	DNA - S/N 4697001-30	
18	1070	Lightning Protection Rivets Inst.	7/16/2001	DNA - S/N 4697001-35 & 37	
19	1071	MLG Squat Switch Safelying	7/2/2001	DNA - S/N 4697001-60	
20	1072	Mass Air Control Valve Recall	8/13/2001	DNA - S/N 4697001-78	
21	1073	Flux Detector Connector	8/13/2001	DNA - S/N 4697001-83 & 92	
22	1074	Bleed Air Restriction	7/23/2001	DNA - S/N 4697001-78	
23	1076	NAV/GS Wiring Insp. & Mod.	7/19/2001	DNA - S/N 4697001-38	
24	1077	P+W Oil-to-Fuel Heater Insp.	7/13/2001	DNA - S/N 4697001-75	
25	1078	Stall Warning Switch Bracket	8/13/2001	DNA - S/N 4697001-75	
26	1080	Lear-Romec Fuel Pump, VSP-13	7/26/2001	DNA - S/N 4697001-97	
27	1082	Aft Stowage Compartment Drain	8/13/2001	DNA - S/N 4697001-37	
28	1084	Known Icing Certification	9/20/2001	DNA - S/N 4697001-100 & See Bulletin	
29	1085	NLG Steering Arm Chafing	10/26/2001	DNA - S/N 4697001-53	
30	1086	Generator/Ammeter Relay Kit	10/3/2001	DNA - S/N 4697001-69 & See Bulletin	
31	1087B	NLG Downspring Tubes R+R	5/27/2003	DNA - S/N 4697001-46 & 48	
32	1088	Aft Spar Splice Cap Insp.	12/10/2001	DNA - S/N 4697001-90	
33	1089	NLG Squat Switch Adjustment	11/12/2001	DNA - S/N 4697001-95	
34	1090	Fuel Return Solenoid	8/23/2001	DNA - S/N 4697001-94 & See Bulletin	
35	1091	Oil-to Fuel Heater	9/20/2001	DNA - S/N 4697001-75	
36	1093	Alternator Diode Inst.	12/5/2001	DNA - S/N 4697001-123 & 125	
37	1094	Fuel Check Valve R+R	10/19/2001	DNA - S/N 4697001-114 & See Bulletin	
38	1095	Gear Warning Mute Switch	1/18/2002	DNA - S/N 4697001-114 & See Bulletin	
39	1098	Deice Line Insp. & R+R	2/1/2002	DNA - S/N See Bulletin	
40	1099	Feather Solenoid Diode Kit	1/18/2002	DNA - S/N 4697001-114 & See Bulletin	
41	1102	Terminal Cover Inst.	3/8/2002	DNA - S/N 4697001-114 & See Bulletin	
42	1103	Engine Mount Insp.	4/22/2002	DNA - S/N 4697001-71	
43	1106	NLG Steering Improvement	1/28/2002	DNA - S/N 4697001-125	
44	1107	Maneuvering Speed Placard	3/7/2002	DNA - S/N 4697001-99	
45	1108	Flux Detector Relocation	3/11/2001	DNA - S/N 4697001-125	
46	1111	Float Switch Wiring Insp. & Mod.	8/19/2002	DNA - S/N 4697001-126	
47	1114	GPS 530 Lighting Mod.	4/24/2002	DNA - S/N 4697001-54	
48	1121	Missing Empenage Rivets	10/3/2002	DNA - S/N 4697001-127 & 134	
49	1126A	Emer. Gear Handle Mod.	7/29/2003	DNA - S/N 4697001-158	
50	1132	Control Module Improvement	6/4/2003	DNA - S/N 4697001-140 & 142-153	
51	1135	GMA 340 Wiring Mod.	7/16/2003	DNA - S/N See Bulletin	
52	1139A	Control Wheel Attach Mod.	4/9/2004	DNA - S/N 4697001-174	
53	1140	Oxygen Generators	9/16/2003	DNA - S/N 4697001-163	
54	1144	NLG Door Hinge Mod.	3/10/2004	DNA - S/N 4697001-173	
55	1150	Stby. Pitot/Static Plumbing Mod.	12/9/2004	DNA - S/N 4697001-164	
56	1151E	4130N Steel Hardness	6/9/2004	DNA - S/N 4697179-183	
57	1152	Fuel Restrictor R+R	12/5/2005	DNA - S/N 4697174-205	
58	1154C	Engine Mount Insp.	1/3/2008	DNA - S/N 4697001-240 & 242-244	

59	1158A	Acc. Drive Pulley R+R		1/30/2006	DNA - S/N	4697001-221
60	1159	Fuel Sys. Check Valve		11/10/2005	DNA - S/N	See Bulletin
61	1166	Electronic Control Module		1/5/2007	DNA - S/N	4697001-291
62	1170	Louvered Cover Assembly		10/6/2006	DNA - S/N	4697001-272
63	1173B	Oil Cooler Hoses		11/16/2011	DNA - S/N	4697001-339, 341-398
64	1175B	Pilot's Side Window Insp		9/30/2010	DNA - S/N	All PA46's
65	1176	Rudder Torque Tube Insp.		1/16/2007	DNA - S/N	4697001-269
66	1177	Nose Wheel Bolts R+R		11/14/2006	DNA - S/N	4697001-260
67	1181B	Flap Track Splice Insp.		9/10/2009	DNA - S/N	4697001-385
68	1183	Emer Exit Door Insp.		5/15/2007	DNA - S/N	4697001-301
69	1185	External Power Placard		8/30/2007	DNA - S/N	4697001-314
70	1178	Nose Gear Forging		9/24/2007	DNA - S/N	4697244-272
71	1187	Voltage Suppressor R+R		2/8/2008	DNA - S/N	4697238 - 293
72	1190B	Aileron Quadrant Insp.		1/22/2009	DNA - S/N	4697001 - 363
73	1192	Stall Heat Mod.		9/15/2008	DNA - S/N	4697001 - 365
74	1193	NLG Downspring R+R		3/3/2009	DNA - S/N	4697001 - 346
75	1195B	COM Antennas Skin Insp.		4/15/2010	DNA - S/N	4697001 - 423
76	1202	Beta Lockout Lever Insp.		3/18/2009	DNA - S/N	4697001-386
77	1204	Re-Calculate Wing Life Limit		12/18/2009	6/21/22 - 1278.9	4697001 & up
78	1205	Py Heater Ground Relocation		3/24/2010	DNA - S/N	4697001-271
79	1212	Flap Position Placard		1/5/2010	DNA - S/N	4697255-398
80	1214A	C.T. Blade Insp.		3/4/2010	DNA - Date	See Bulletin
81	1218	Rudder Skin Insp.		10/13/2010	DNA - S/N	4697001-403
82	1229	Avox SB 36758-35-01		4/21/2011	DNA - S/N	4697347-391
83	1230	Nose Wheel Grommet		6/6/2011	DNA - S/N	4697001-447
84	1232	Placard, Door Handle		5/16/2011	DNA - S/N	4697435-452
85	1234	Oil Cooler Temp. Valve R+R		6/23/2011	DNA - S/N	4697001-447
86	1236	Ldg. Gear Servicing Placards		10/6/2011	DNA - S/N	4697001-466
87	1237	Static Discharger R+R		8/10/2011	DNA - S/N	4697448-455
88	1238	Landing Gear Placards (Brazil)		7/23/2013	DNA - S/N	4697399-466
89	1243C	Landing Gear Malfunction		3/7/2012	DNA - S/N	4697001-473
90	1247B	Garmin SafeTaxi Limitation	(COMPLETE)	3/13/2019	PCW	4697399 & up
91	1255	Boost Pump Wiring Relocation		3/4/2013	DNA - S/N	4697174-508
92	1256	NLG Torque Link Hardware		1/23/2013	DNA - S/N	4697001-510
93	1258	Fuel Tank Vent Valves		6/5/2013	DNA - S/N	4697001-520
94	1262B	Wing Inspection		4/23/2015	DNA - S/N	4697001-528
95	1267A	Empennage Rivets Insp.		12/18/2015	DNA - S/N	4697161-543
96	1271A	Wing Spar Insp.		12/12/2019	DNA - S/N	4697001-406
97	1275	NLG Servicing Placard	(COMPLETE)	6/26/2015	11/13/15 - 109.2	4697001-591
98	1283A	Cabin Altitude Encoder Mod.	(COMPLETE)	6/12/2015	11/11/16 - 109.2	4697340, 399-591, 593-595, 597, 598
99	1280A	H3r Fire Ext. R+R	(COMPLETE)	4/29/2016	11/13/15 - 109.2	4697001-590
100	1288A	Aft Vert. Fin Spar Insp.	(COMPLETE)	5/18/2017	4/12/17 - 220.9	4697197-602
101	1290B	Flap Bracket Insp.		6/16/2017	2/17/23 - 1455.2	4697173-605 Due Ea. 100 hrs.
102	1291	Exec. Table Placard R+R	(COMPLETE)	8/11/2016	11/11/16 - 201.5	4697001 - 607
103	1293C	NLG Turn Limits Placards	(COMPLETE)	3/19/2017	11/11/16 - 201.5	4697001 - 610
104	1296	FCU Manual Override Check	(COMPLETE)	3/31/2016	11/11/16 - 201.5	4697001 - 606
105	1297	United Inst. Altim SB #13		4/29/2016	JA - Not installed	All PA46's
106	1306	Wing Rib Mod.	(COMPLETE)	1/10/2018	7/13/18 - 468.4	4697001 - 620
107	1314	Cabin Door Frame Insp.		3/12/2018	DNA - S/N	4697617 - 618
108	1322	Stall Heat Grd. Wire Insp.		2/28/2018	N/A S/N	4697549, 569, 582 - 628
109	1327	Aileron Cable Tube Insp.	(COMPLETE)	6/26/2018	7/13/18 - 468.4	All up to 4697634
110	1328	Aileron Cable Guard R+R		6/26/2018	N/A S/N	4697608 - 636
111	1336	Aileron/Rudder Interconnect		1/18/2019	N/A S/N	4697634 - 645
112	1338	MLG Actuator Fitting		3/25/2020	DNA - S/N	4697001 - 156
113	1343	Canted Frame Doubler Insp.		2/3/2020	DNA - S/N	4697628 - 652
114	1344	Gen Ammeter Relay (K303) R+R	(COMPLETE)	10/23/2019	5/1/20 - 841.7	4697340, 399 - 669
115	1349	Fuel Return Valve Wiring Mod.		2/14/2020	DNA - S/N	4697549, 569, 582-611
116	1350A	NLG Steering Horn Insp.		2/10/2021	DNA - S/N	4697668-671
117	1369	Elevator Spar Insp.	Due ea, 100 hrs.	8/12/2021	2/17/23 - 1455.2	All
118	1370A	Inertial Separator Angle Mod.		3/8/2022	DNA - S/N	4697629 - 678
119	1385	Rudder Straps	COMPLETE	10/25/2022	2/17/23 - 1455.2	4697001 - 691
120	1395	G1000 S/W ver. 720.18		2/13/2023	DNA - SL1205 Done	4697340, 399-548, 550-568, 570-581

Item #	Bulletin No.	Bulletin Description	Bulletin Date	Date Completed	Remarks
1	SL 1035	Battery Conditioning	7/20/2001	DNA	4697001& up with Dual Batteries
2	SL 1037	M.O.R. Check	7/26/2001	DNA	4697001-084
3	SL 1041	Accident/Incident Reporting	(Info. Only) 3/10/2002	ALL	
4	SL 1046A	GCU Rewire Kit	9/27/2002	DNA	4697001-131
5	SL 1051	Gull Wing Door Rub Strips	7/21/2003	DNA	4697001-128
5a	SL 1055	Table Stow Adjustments	6/20/2003	DNA	4697001-129
6	SL 1056	Drain Hose Routing Insp.	2/19/2003	DNA	4697003 - 35 & 037
7	SL1057	Upper Wing Skin Reinforcement	1/23/2003	DNA	4697001-141 & 143-145
8	SL 1058A	Hor. Stab. M.M. Correction	(Info. Only) 10/16/2012		4697001 and up
9	SL1059A	Gusset (Tailcone) Install Kit	10/16/2015	DNA	4697001-160
10	SL 1062	Lower Torque Link Bolt Insp.	2/13/2003	DNA	4697001-135
10a	SL 1065	Aileron Rivet Insp.	7/29/2005	DNA	4697001-140
11	SL 1067	Steering Bellows Improvement	3/31/2003	DNA	4697001-157
12	SL 1069	Flight Control Cable Insp. -	DUE 11/2029 3/31/2003	11/8/14 - 0.0	ALL
13	SL 1072	Magnetization of ELT Antenna	(IF NEEDED) 6/4/2003	DNA	4697001-148
14	SL 1074	S-TEC Component Seating	(Due @ ea. R+R) 11/3/2003	DNA	All S-TEC equipped aircraft
15	SL 1075	Higher Capacity Battery	10/27/2003	DNA	4697001-169
16	SL 1076	Stall Warning Computer	1/9/2004	DNA	4697001-169
17	SL 1077	MAGIC 1500 G/A Rewire	(Not Installed) 12/3/2003	DNA	See SL for S/N's
18	SL 1079	ADAHRS Troubleshooting	(IF NEEDED) 5/5/2004	DNA	ALL
19	SL 1082	Fuel Bowl Mod.	6/25/2004	DNA	4697001-173
20	SL 1085	ADAHRS Cal. Harness	(IF NEEDED) 7/1/2004	DNA	ALL
21	SL 1086	Prop. Boots Maintenance	(DUE @ PROP. O/H) 7/16/2004	ALL	
22	SL 1089	Aircraft Painting Requirement	10/21/2004	DNA	4697196 & up (See SL for details)
23	SL 1090	Lower Operating Temps.	9/26/2005	DNA	4697001-173
24	SL 1097	Flap Rigging Check	10/17/2005	DNA	4697001-208
25	SL 1100	Crew Seat Mod.	6/18/2006	DNA	4697001-249
26	SL 1102	Oil Press - RMI/EMI Interference	10/9/2006	DNA	4697001-215
27	SL 1107A	False "Gen Inop" Annuciation	10/3/2007	DNA	4697002, 198, 216-301
28	SL 1109	Generator System Malfunctions	7/3/2008	DNA	4697001 - 346
29	SL 1110A	Compressor Wash Recommendations	(Info.) 9/3/2013	2/17/23 - 1455.2	ALL
30	SL 1104	ECS System Improvements	3/14/2008	DNA	4697001 - 310 & 312
31	SL 1113	Crew Seat Back Mod	2/25/2009	DNA	4697174-380
32	SL 1115A	WAAS Compatible Autopilot	2/19/2009	DNA	4697198 & up (see letter)
33	SL 1116A	Contacto Maintenance	3/15/2019	When Needed	All
34	SL 1121	RG41 Battery Ser. Life	(5000 hrs. or 5 yrs.) 4/1/2010	6/21/22 - 1278.9	4697001 & up
35	SL 1120	Air Cond. Servicing	(Info. Only) 6/18/2010		4697002 & up
36	SL 1129	Improved MLG Actuators	6/27/2011	DNA	4697001-430
37	SL 1127	Emer. Exit Velcro R+R	7/2/2010	N/A S/N	4697370-427
38	SL 1130	Lower Entry Door Upgrade	8/4/2010	N/A S/N	4697001-369
39	SL 1131A	Ail. Bearing Lube	(Due ea. 100 hrs. or Ann.) 2/11/2019	2/17/23 - 1455.2	ALL
40	SL 1126A	Volt Suppressor Advisory	3/23/2017	N/A S/N	4697198, 216-358
41	SL 1123	Avidyne S/W Upgrade	9/27/2010	N/A S/N	4697198, 216 & up
42	SL 1135	Control Cables/Pulley Insp.	(Due ea. 100 hrs.) 10/19/2010	2/17/23 - 1455.2	ALL
43	SL 1137	C.B. Panel Mod.	11/3/2010	N/A S/N	4697001-433
44	SL 1138	Lift Txdcr. Mod.	1/17/2001	N/A S/N	4697001-445
45	SL 1139	G1000 S/W Ver. 720.12	3/14/2011	N/A S/N	4697340, 399-447
46	SL 1142A	Line Contactor & GCU R+R	3/10/2014	N/A S/N	4697001-452
47	SL 1147	G1000 S/W Ver. 720.14	12/1/2011	N/A S/N	4697340, 399-463
48	SL 1155	Ground Idle Adjustment	(COMPLETE) 1/30/2012	11/11/16 - 201.5	All
49	SL 1157	Exterior Lighting - LED Upgrade	4/26/2012	N/A S/N	4697001-457
50	SL 1158	Hubcap Upgrade (LoPresti)	(COMPLETE) 4/26/2012	PCW	4697001 & up
51	SL 1160	Interior LED Lighting Upgrade	10/31/2017	N/A S/N	4697001 - 492
52	SL 1170	Evaporator Module R+R	6/27/2013	N/A S/N	4697003-365
53	SL 1178A	Garmin S/W ver. 720.15	4/23/2014	Superseded	4697399-537
54	SL 1185A	Stall Warning Test	3/26/2015	When Needed	All
55	SL 1189B	GCU Reverse Current	(COMPLETE) 8/14/2015	11/13/15 - 109.2	4697001-548, 550-568, 570-581
56	SL 1195	Garmin S/W ver. 720.17	(COMPLETE) 9/2/2015	11/17/15 - 109.2	G1000 Airplanes up to S/N 4697581
57	SL 1196A	GTX33ES Availability	12/21/2017	If Desired	4697399 - 550

58	SL 1199A	Garmin S/W 2163.05		7/26/2016	N/A S/N	4697549, 569, 582-607
59	SL 1200A	P&W SB 3482 R+R of FCU		4/27/2016	If Desired	4697101 - 606
60	SL 1202	MLG Hose R+R	(COMPLETE)	2/7/2017	7/13/18 - 468.4	4697001-618
61	SL 1204	Heated Windshield Test		8/17/2016	When Needed	All
62	SL 1205	G1000 Stall Heat Mod	(COMPLETE)	6/27/2017	2/6/19 - 598.7	4697399-548, 550-568, 570-581
63	SL 1206	G1000 M500 Stall Heat Mod		4/14/2017	N/A S/N	4697549, 569, 582-618
64	SL 1211	Audio bus Wiring Insp. & Fuse R+R	(COMPLETE)	5/3/2017	12/1/17 - 304.4	4697458-618
65	SL 1219	Cabin Pressure Troubleshooting		1/5/2018	N/A S/N	4697549, 569, 582 & up
66	SL 1221	Wing Access Panel Clinch Nut Repair		9/25/2017	When Needed	All
67	SL 1222B	Hyd. Pump Press. Switch R+R		3/29/2018	When Needed	All
68	SL 1224	Decorative Window Sealant		10/9/2017	If Desired	All
69	SL 1228A	Eng. Wiring Harness Improvement		1/23/2019	N/A S/N	4697549, 569, 582-631
70	SL 1232C	G1000 S/W Ver. 2163.09		8/21/2018	N/A S/N	4697549, 569, 582 - 625, 627-630
71	SL 1233	Flap Protective Tape		7/13/2020	If Desired	All up to 4697674
72	SL 1234	G1000 GIA S/W for ADS-B Out	(COMPLETE)	1/16/2018	2/6/19 - 598.7	4697399 - 548, 560-568, 570-581
73	SL 1236	NLG Trunnion Channel Clearance	(COMPLETE)	10/2/2019	5/1/20 - 841.7	4697001 - 650
74	SL 1245	G1000 Nxi Electronic Checklist		12/14/2022	N/A S/N	4697626, 631 & up
75	SL 1249	Control Column Plug Mod.		5/20/2019	If Desired	All
76	SL 1251	G1000 S/W ver. 2163.10		5/29/2019	N/A S/N	4697549, 569, 582-625, 627-630
77	SL 1261	Stall Heat Control Insp. Due at LH Wing R+R		8/6/2019	When Needed	All
78	SL 1265	Flight Control System Checks		8/6/2019	2/17/23 - 1455.2	All
79	SL 1272	Elevator Spar Insp.		10/25/2019	SS by SB 1369	All
80	SL 1274	Hartzell Preferred Grease		1/6/2020	Info. Only	All
81	SL 1280	Rudder Pedal Bar Insp.		2/14/2020	2/17/23 - 1455.2	All
82	SL 1282	Avionics Cooling Fan		6/22/2020	Info. Only	4697340, 399-630
83	SL 1284	Aspen EFD-1000 S/W ver. 2.10.2		2/3/2023	N/A S/N	4697549, 569, 582-676
84	SL 1285C	Tire Pressures Due Prior to first flight each day		3/29/2022	2/17/23 - 1455.2	All
85	SL 1286D	NLG Steering Adjustments		10/15/2021	2/17/23 - 1455.2	All
86	SL 1297	Rudder Pedal Tube Insp.		10/22/2021	2/17/23 - 1455.2	All
87	SL 1314	O2 Gen, Insp.		8/22/2022	2/17/23 - 1455.2	All
88	SL 1317	GI 275 Update		11/11/2022	N/A S/N	4697677 & up

<u>Item #</u>	<u>Bulletin No.</u>	<u>Bulletin Description</u>	<u>Bulletin Date</u>	<u>Date Completed</u>	<u>Remarks</u>
1	SSL 425B	Optional Battery Charger	10/11/2013	Done	ALL
2	SSL 430	Overhead Switch Panel Components	10/1/2007	Info.	ALL
3	SSL 431	Lower Entry Door Upgrade	9/11/2008	DNA - S/N	4697001-369
4	SSL 432A	Hydraulic Component Repair Kits	9/8/2016	Info.	ALL
5	SSL 437D	Tire Options	5/6/2019	Info.	ALL
6	SSL 438	Breather Hose Relocation	5/14/2012	DNA - S/N	4697001-457
7	SSL 443	Piper Tech. Support	12/5/2011	When Needed	ALL
8	SSL 445	Battery Tray Slide R+R	6/28/2012	DNA - S/N	4697001-454
9	SSL 448	Maint. Pubs.	12/6/2012	Info.	ALL
10	SSL 452B	Diverter Strip R+R Kits	10/18/2019	10/2/19 - 757.9	4697216 & Up
11	SSL 456	A/C Hose Repair Kits	11/20/2014	DNA - S/N	4697001-515
12	SSL 459	Vacuum Bleed Port Cover Kit	4/30/2015	5/18/15 - 60.9	4697001-592
13	SSL 463	Inbd. Crew Armrest Improvement	12/3/2015		4697458 - 601
14	SSL 464	Prop. Heat Timer Improvements	4/1/2016	When Needed	4697001 & up
15	SSL 478	Rosen Sun Visors	9/14/2017	10/2/19 - 757.9	4697370 & up
16	SSL 495	Garmin A/P Servo Parts	11/11/2019	DNA	4697340, 399-542
17	SSL 496A	LED Ice Detection Light	1/15/2021		4697001 - 671
18	SSL 506	Aileron Cables Kit	8/2/2021		all up to 4697676
19	SSL 515A	Aileron Yoke Hinge Pin R+R	8/12/2022		4697001 - 683
20	SSL 516	GWX Enablement Kits	1/18/2022	DNA - S/N	4697677-681, 684 & up

<u>Item #</u>	<u>Bulletin No.</u>	<u>Bulletin Description</u>	<u>Bulletin Date</u>	<u>Date Completed</u>	<u>Remarks</u>
1	SA46-6	Improper Autopilot Tracking	11/22/2000	DNA	4697003, 004, 006
2	SA46-6A	Updated S/W	11/30/2000	DNA	4697003-008, 010
3	SA46-7	Heat Insulator Shroud	12/8/2000	DNA	4697003-006
4	SA46-8	Revised Annunciator Panels	1/11/2001	DNA	4697003-026
5	SA46-10	Flux Detector Relocation	3/2/2001	DNA	4697003-026

6	SA46-11	Fuels System Check Valve	11/14/2001	DNA	4697032, 035, 071
7	SA46-13	Horiz. Stab. Missing Rivets	9/9/2002	DNA	4697128-130,32,33,35,36,38,39,45
8	SA46-14	Fuel Temp. Limit Placard	7/20/2004	DNA	4697067, 159-173
9	SA46-15	Control Cable Retention Screw	2/3/2006	DNA	4697216-237
10	SA46-17A	Heated W/S connector R+R	3/27/2007	DNA	4697281-286
11	SA46-18	Oil Cooler Control Valve	1/21/2011	DNA	See SA for s/n's
12	SA46-19A	Eng. Borescope 1st Stage Comp. Stator	9/27/2012	DNA	See SA for s/n's
13	SA46-20	Stall Heat Wiring on R+R Wings	3/27/2019	N/A S/N	4697141, 161, 086 & 020
14	SA46-22	P&W SI 120-2015	10/30/2015	DNA	4697565, 566, 567
15	SA46-28	Condition Lever Wiring	4/26/2019	DNA	4697640-645
16	SA46-33A	Insp. Of Frame @ FS 311.382	4/26/2021	DNA	4697676

Item #	Bulletin No.	Bulletin Description	Bulletin Date	Date Completed	Remarks
1	VSP 129	Goodrich SNL 01-054	3/9/2001	DNA	Props. HH1143 and below
2	VSP 130	Fuel Pump Screw Torque	7/3/2001	DNA	All non "M" Fuel Pumps
3	VSP 133	Meggitt ADAHRS SIL-16, rev. 2	2/25/2002	DNA	If Cold Start Problems Happen
4	VSP 135	P+W SIL PT6A-110 (Low Oil Press.)	2/25/2002	Problem Occurs	ALL
5	VSP 142	Garmin SB 0204	2/5/2003	DNA	4697001-125
6	VSP 158	Meggitt SL 03-002	9/28/2003	DNA	4697001 & up with Magic 1500
7	VSP 160	P+W SB 3411 (Oil Pump Cover Mod.)	3/19/2004	DNA	4697001-177
8	VSP 161	P+W SB 3412 (Oil Tank Pressurizing Valve)	3/19/2004	DNA	4697001-177
9	VSP 167	Hartzell SIL HC-SL-61-225 (Spinner R+R)	11/22/2006	DNA	4697001-199
10	VSP 168	P+W SIL PT6A-134 (MOP Warranty Coverage)	6/28/2005	Info.	ALL
11	VSP 172	Avidyne SA05-001	2/6/2006	DNA	Avidyne Only
12	VSP 175	S-TEC SB 06-001 (Pitch Servo Stop Screw)	6/6/2006	DNA	S-Tec Equipped Only
13	VSP 176	Meggitt SB 26-36 Fire Detectors	10/2/2006	DNA	4697001-248, 252
14	VSP 179	Enviro SL06-101	3/15/2007	DNA	4697001-272, 274
15	VSP 180	Hartzell SB HC-SB-61-291	3/16/2007	DNA	4697266-269, 271-276
16	VSP 181	Hartzell SL HC-SL-61-254 (Min. Prop. RPM)	3/20/2007	Info.	All
17	VSP 182	Avidyne SB 601-00006-067	4/25/2007	DNA	Avidyne Only
18	VSP 183	Avidyne SB 601-00006-075	6/22/2007	DNA	Avidyne Only
19	VSP 191	Avidyne SA-08-001	2/29/2008	DNA	Avidyne Only
20	VSP 199	P+W SB 3422R1 (Reverse Lever)	2/24/2009	DNA	4697349-385
21	VSP 200	Enviro SL 09-101 (Improved Flow Con. Valve)	8/5/2009	DNA	Info. Only
22	VSP 204	Greasing Wheel Bearings	4/29/2010	Info. Only	ALL
23	VSP 209	Zodiac O2 Mask	4/29/2011	DNA per Date	4697001-452
24	VSP 212	Garmin SA 1118A	7/6/2011	Info. Only	4697399 & up
25	VSP 216	Garmin GRS77 & 74AS Functions	6/16/2011	Info. Only	4697002, 340, 399 & up
26	VSP 219	Garmin SA 1047, Rev. A.	6/30/2011	Info. Only	4697362 & up
27	VSP 220	P&W SB3434, Mod. Of Prop Shaft Oil Seal	9/8/2011	If Needed	4697001-458
28	VSP 222	Lamar ACU SL LSI-016, rev. A	4/2/2012	DNA - S/N	4697466-479
29	VSP 228	AVSTAR Warranty	1/29/2013	DNA	Info. Only
30	VSP 244	Lycy. SL L264	4/1/2015	DNA	None
31	VSP 248	Aspen SB Ob2015-01	7/16/2015	DNA	4697549, 569, 582-600
32	VSP 244A	Lycoming SL L264a	3/8/2016	DNA	
33	VSP-257	P&W SB 3490 - PY Line Support (COMPLETE)	2/15/2017	12/1/17 - 304.4	4697001-618
34	VSP-263	Garmin SB 1877a	11/9/2018	DNA	4697549, 569, 582-625, 627-630
35	VSP 268	Slick SB 1-19	4/11/2019	DNA	Piston Planes Only
36	VSP-269	P&W SB3501R1 FOHE R+R (COMPLETE)	3/30/2020	5/1/20 - 841.7	4697001 - 665
37	VSP 270	Garmin SA # 1989A	1/27/2020	DNA	4697626, 631 & up
37	VSP 274	Alternate Wheel Bearing Greases	3/16/2021	Info. Only	All w/ Cleveland Wheels
38	VSP 275	Handling of Hexavalent Chromium Residue	5/19/2021	Info.	All
39	VSP 277	Garmin SA # 2157, rev. C	1/17/2022	DNA	4697677 & up
40	VSP 278	Garmin SA 2111, rev. C 3rd Party SD Cards	2/21/2022	Info. Only	4697399 & up
41	VSP 280	Garmin SL 22007, rev A Auto Wx Mode	3/3/2022	DNA	4697677-681, 684 & up
42	VSP 287	P&W SB 3522 Ign Lead Nuts for Corrosion	12/6/2022		Eng S/N's PCE-RM384 & up
1	CIL 5/4/11	Engine Roll Back Response	5/4/2011	ALL	

AD NOTES COMPLIANCE RECORD

Airframe - Piper - PA-46-500TP

s/n: 4697573

Engine - Pratt & Whitney - PT6A-42A

s/n: PCE-RM0651

Propeller - Hartzell - HC-E4N

s/n: HH4976

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2001-12-01	Prevent failure of the flap drive bellcrank assemblies		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2004-03-32	Prevent short circuit failure and electrical arcing of the electronic control modules		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2004-14-12	CORRECTION - Detect and correct inadequate control wheel attachment design features		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2004-15-19	Detect and remove any protective cover over the percussion cap, or any silicon tube over the end of the trigger mechanism pin		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2008-26-11	Prevent ice from forming on the stall vane		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2013-13-01	Correction - Main Fuel Tank Vent Valves		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2015-13-09	Cabin Altitude Encoder Mounting Installation	11/11/16 - 201.5	C/W Piper SB 1283A.		X		Ed Novak A+P 2832024 IA
2016-01-01	Wing Upper Skin Joints Sealant Application		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2021-04-07	Stall Warning Heat Control System Non-Conforming Design		Superseded by 2021-09-02.	X			Ed Novak A+P 2832024 IA
2021-09-02	Stall Warning Heat Control System Kit Part Numbers		Due if/when the LH wing is replaced.	X			Ed Novak A+P 2832024 IA
97-04-12	Engine power reduction due to malfunction of the compressor BOV		DNA per serial #.	X			Ed Novak A+P 2832024 IA
2002-23-13	Prevent failure of the turbine exhaust duct		DNA - affected component not installed.		X		Ed Novak A+P 2832024 IA
2012-09-10	To prevent failure of the sun gear and planet gears		DNA - affected engine parts are O.E.M.		X		Ed Novak A+P 2832024 IA
2005-14-11	Maintenance by Southern California Propeller Service		DNA - propeller not returned to service by So. Cal. Prop. Ser.	X			Ed Novak A+P 2832024 IA
2006-24-07	To detect unsafe conditions that could result in a propeller blade separating from the hub and loss of control of the airplane		DNA - propeller not returned to service by Oxford Aviation in the U.K.	X			Ed Novak A+P 2832024 IA
2008-13-28	To prevent failure of the propeller hub		DNA - propeller is NOT LH rotation.		X		Ed Novak A+P 2832024 IA

AIRCRAFT LOG



 **N929DA**
PA-46-500TP
4697573
Airframe Logbook

AIRCRAFT DESCRIPTION

Registration No. N929DA

Model: PA-46-500TP Popular Name: MERIDIAN

Serial No.: 4697573 Type Certificate No.: A2550
P1219 P3203 828168

Colors: TITANIUM SILVER MET. / BLACK RED PEARL & CORAL RED PEARL

Engine Manufacturer: PRATT & WHITNEY Serial Numbers: Single PCE-RM0651

Original Engine Model: PT6A-42A Left _____

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HH4976

Original Propeller Model: HC-E4N-3Q Left _____

Right _____

Blade Numbers

Left	Right
<u>L52436</u>	_____
<u>L52439</u>	_____
<u>L52437</u>	_____
<u>L52434</u>	_____

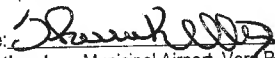
2015 MODEL

NOTICE

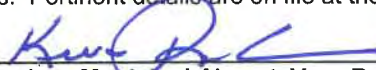
Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

PAINT TYPE: Dupont Imron Polyurethane

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Aircraft Log				
Date: 11/24/2014 HOBBS: 0008.7 WO: A001358	Reg. #: N929DA Aircraft S/N 4697573			
Work accomplished: Repaired shorted wiring at Sub-D connector for ME-406 ELT. Systems checked normal in accordance with Cobham Installation/Maintenance Manual 570-1600 Rev G. System checked normal.				
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller, or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.				
Signature:  ECWD470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 01/05/15 AIRCRAFT LOG N929DA Hobbs: 20.1 Model: PA46-500TP S/N: 4697573 ACTT: 20.1 Removed center left aft facing passenger seat with headrest and armrest per PA46-500TP MM 25-20-00. Updated weight and balance in POH.		
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001940		
Signature  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 10/8/2015 N-Number: N929DA
Hobbs 94.3 Make: Piper
Work Order: 196 Model: PA46-500TP
Serial Number: 4697573

Airframe Logbook Entry

- 1 Installed seat #4 in aircraft. Recalculated weight from factory original weight & balance in AFM for #3 seat removal. See revised weight & balance this date.

end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Audrey Baxcajay *Audrey Baxcajay* IA 3330231 A&P

Total To Carry Forward				
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Registration No. _____

SUN AVIATION, INC., Vero Beach, FL (VRB)
Date: 11/13/15 AIRCRAFT LOG N929DA
Hobbs: 109.2 Model: PA46-500TP S/N: 4697573
ACTT: 109.2

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, PARA C AND D, battery next due 11/2021. Verified FAR 91.411 and 91.413 ALT/TRSP Static check, next due 10/2016. Accomplished Piper SB1280 H3R fire extinguisher replacement, installed P/N 88572-001 SN B10804575 per Piper drawing # 88572. Weight and balance updated in POH. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131 aileron sector bearing lubrication requirements. Piper SB1271 N/A due to S/N. Accomplished Piper SL1189B inspection of GCU reverse current protection circuit and connector and marked cannon plugs. Accomplished Piper SB1275 by installing the landing gear service placard P/N 100700-125. Piper SB1267 N/A due to S/N. Replaced left and right main with Goodyear Flight Custom III 600X6 8 ply and 500X5 10 ply nose tire per PA46-500TP MM 32-40-00.

Con't on Page 2

AIRCRAFT LOG

Page 2

Service O2 system per PA46-500TP MM 35-10-00. Upon completion of successful battery capacity test reinstalled battery in radar pod. Replaced "O" ring in brake reservoir, installed P/N MS28775-115. Replaced left and right main gear down actuator hoses, installed P/N 565-905 and ran gear in normal and emergency configuration and service pump. **Accomplished 1 year main battery cap test per MM 24-30-00. Accomplished 1 year O2 mask service per PA46-500TP MM 35-10-00. Accomplished 1 year visual inspection of the GFC 700 Garmin servo per PA46-500TP MM 27-10-00. Accomplished 1 year engine mount attach bracket inspection and bolt retorque per PA46-500TP G1000 MM 5-30-00.**

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002325 AD's Researched THRU REV. 2015.22

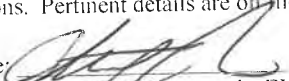
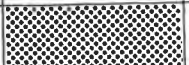
Signature: *[Signature]* CRS # ECWR470D
 Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Total To Carry Forward					


Registration No. _____

and Remarks	Signature	Certificate No.
<p>Date: <u>11/17/15</u></p> <p>Hobbs: <u>109.2</u></p> <p>WO#: <u>A001849</u></p> <p style="text-align: center;">Sun Aviation, Inc.</p> <p style="text-align: center;">Avionics</p> <p style="text-align: center;">Aircraft Log</p> <p>1. Upgraded G1000 Software to 0720.17 IAW Piper Service Letter No. 1195</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.</p> <p>Signature: <u><i>[Signature]</i></u> FAA CRS ECWD470D Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257</p>	<p>A/C Reg#: <u>N929DA</u></p> <p>A/C Serial#: <u>4697573</u></p> <p>A/C Model: <u>PA46-500TP</u></p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Date: <u>4/20/16</u>	Sun Aviation, Inc.		A/C Reg#: <u>N929DA</u>	
Hobbs: <u>0139.4</u>	Avionics		A/C Serial#: <u>4697573</u>	
WO#: <u>A002201</u>	Aircraft Log		A/C Model: <u>PA46-500TP</u>	
<p>1. Reloaded Software in the #1 GRS77 & #1 GMU44. Operation Check performed without discrepancy.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.</p> <p>Signature: <u></u> FAA CRS ECWD470D Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257</p>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Date: <u>10/28/16</u>	Sun Aviation, Inc.	A/C Reg#: <u>N929DA</u>
Hobbs: <u>201.5</u>	Avionics	A/C Serial#: <u>4697573</u>
WO#: <u>A002496</u>	Aircraft Log	A/C Model: <u>PA46-500TP</u>
<p>1. Verified G1000 LRU serial numbers and Performed G1000 Return to Service Test IAW Garmin G1000 System Maintenance Manual 190-00907-00 Section 8.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.</p> <p>Signature: <u></u> FAA CRS ECWD470D Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Date: 11/1/16				A/C Reg#: N929DA
Hobbs: 201.5				A/C Serial#: 4697573
WO#: A002495				A/C Model: PA46-500TP

**Sun Aviation, Inc.
Avionics
Aircraft Log**

The Following Altimeter(s), Altitude Encoder, and Static Pressure System(s) have been tested IAW FAR 91.411 and conforms to FAR PT 43, Appendix E, to 35,000 FT.

- #1 ADC Model: GDC74A S/N: 20618429
- #2 ADC Model: GDC74A S/N: 20618438
- Stby Alt Model: Thommen 2" S/N: 1077565

The following transponder(s) have been tested IAW FAR 91.413 and conforms to FAR PT 43, Appendix F

- #1 XPDR Model: GTX33 S/N: 89127964
- #2 XPDR Model: GTX33 S/N: 89128053

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature: *[Signature]* FAA CRS ECWD470D
Sun Aviation, Inc. Vero Beach, FL. 32960 (772)562-9257

Total To Carry Forward				
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Registration No. _____

SUN AVIATION, INC., Vero Beach, FL (VRB)
Date: 11/1/16 **AIRCRAFT LOG** **N929DA**
Hobbs: 201.5 **Model:** PA46-500TP **S/N:** 4697573
ACTT: 201.5

Accomplished an Event I & II Annual Airframe Inspection IAW FAR 43, Appendix "D", using the Piper PA46-500TP, Event I & II Inspection Checklist as a guide. C/W FAR 91.207, PARA C AND D, battery next due 11/2021. Verified FAR 91.411 and 91.413 ALT/TRSP Static check, next due 11/2018. Accomplished fire extinguisher reweigh per Piper SB1280 H3R fire extinguisher replacement. Accomplished Piper SL1135 control cable/pulley inspections. Accomplished Piper SL1131 aileron sector bearing lubrication requirements. Accomplished Piper SB1204 re-calculation of wing structure life limit due to unique usage and determined to be a Category 1 normal usage. Accomplished AD 2016-01-01 per Piper SB1262B inspect upper skin joints for adequate sealant. Accomplished Piper SB1293A engine mount doubler installation inspection and towing placards replacement, installed P/N 88582-701 and 88582-702 per Piper drawing 88582-002 Rev A. Replaced nose and main tires, installed nose P/N 505C01-2, right main P/N 606C86-6 S/N 61552051 and left main P/N 606C86-6 S/N 61552053 per PA46-500TP G1000 AMM 32-40-00. Upon successful completion of cap check of EPS battery reinstalled EPS battery. Replaced "O" ring in brake reservoir filler. Adjusted aileron, rudder, trim, yaw and roll servo cable tensions per PA46-500TP MM 27-00-00 and 22-10-00 and installed new turnbuckle locks, installed P/N MS21256-1. Accomplished Piper SB1283A cabin alt installation Part III. Accomplished Piper SB1291 executive table placard replacement, installed P/N 88581-701 per Piper drawing #88581. Accomplished 1 year main battery cap test per PA46-500TP G1000 MM 24-30-00. Accomplished 1 year Pilot's O2 mask service per MM 35-10-00. Con't on page 2

AIRCRAFT LOG

Page 2


Accomplished 1 year GFC 700 servo inspection per Piper PA46-500TP MM 22-10-00. Accomplish 1 year engine to firewall attach bracket inspection and bolt retorquing per PA46-500TP G1000 AMM 5-30-00. Accomplished 2 year/ 400 hour fuel pure system inspection and cleaning per PA46-500TP G1000 MM 71-70-00. Accomplished 2 year/ 500 hour fuel tank strainers/ fuel probe inspection per PA46-500TP MM 5-30-00. Accomplished 2 year magnetometer and magnetic compass calibration per Garmin test procedures and PA46-500TP. Reshimmed left main trunion, installed P/N 83698-002 per PA46-500TP MM 32-10-00 and ran gear in normal and emergency configuration. Replaced left main gear down actuator hose, installed P/N 565-905 ran gear in normal and emergency configuration and reserviced pump reservoir per PA46-500TP MM 29-10-00. Serviced O2 per PA46-500TP MM 35-10-00. Replaced two internal fuel panels, installed P/N 680-291 per PA46-500TP MM 28-10-00. Adjusted rake angle per PA46-500TP MM 32-20-00. Adjusted nose ear steering clearance per PA46-500TP MM 32-50-00 and cycled gear in normal and emergency configuration.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002770 AD's Researched THRU REV. 2016.21


Signature  CRS # ECWR470D
Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Carry Forward

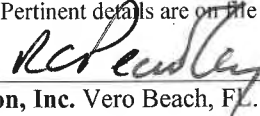
Registration No. _____

and Remarks	Signature	Certificate No.
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 11/11/16 AIRCRAFT LOG Hobbs: 201.5 Model: PA46-500TP ACTT: 201.5 Removed main battery P/N RG41 S/N 406S4582, installed main battery P/N 601-910 S/N 40813162 per PA46-500TP MM 24-30-00.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002770</p> <p>Signature  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 04/12/17 AIRCRAFT LOG N929DA Hobbs: 220.9 Model: PA46-500TP S/N: 4697573 ACTT: 220.9 Accomplished Piper SB1288 aft vertical fin spar inspection per accomplishment instructions 1-4. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S003043 Signature:  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257</p>				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate
<p>Date: <u>5/22/17</u> Sun Aviation, Inc. A/C Reg#: N929DA Hobbs: <u>273.3</u> Avionics A/C Serial#: 4697573 WO#: <u>A002726</u> Aircraft Log A/C Model: PA46-500TP</p> <p>1. Removed OEM Stby 2" instruments and stby attitude backup battery system. Installed Mi Continent MD302 Stby Attitude Module following the guidance of STC SA01969SE. FAA Form 337 completed and filed as required. W&B/Equip. list updated to reflect this alteration.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.</p> <p>Signature:  FAA CRS ECWD470D Sun Aviation, Inc. Vero Beach, FL 32960 (772) 562-9257</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

Date: 7/26/17 **Sun Aviation, Inc.** **A/C Reg#:** N929DA
Hobbs: 270.0 **Avionics** **A/C Serial#:** 4697573
WO#: A002820 **Aircraft Log** **A/C Model:** PA46-500TP

1. Removed GRS77 s/n 42027797 and replaced with OVERHAULED GRS77 s/n 42027995.
2. Tightened pitot fitting in pilot pitot system behind instrument panel. Performed leak check without discrepancy.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office.

Signature: [Signature] FAA CRS ECWD470D
Sun Aviation, Inc. Vero Beach, FL. 32960 (772) 562-9257

Total To Carry Forward				

Registration No. _____

MAKE: Piper
 MODEL: PA46-500TP
 S/N: 4697573
 REG. NO: 929DA
 WORK ORDER:
 9686-11-2017



Flightline Group, Inc.
 3256 Capital Circle SW
 Tallahassee, Florida 32310
 Phone: 850-576-3515

DATE: 12/1/2017
 A/C TSN: 304.4
 Landings:
 HOBBS: 304.4

Airframe Entries

C/W Annual inspection...Lubed engine and airframe controls per MM Chpt.12...Replaced VRV filter PN B3-5-1....Replaced both MLG actuator down hose assemblies P/N:187-273....Removed and replaced powerpack down hose assembly P/N: 566-176....Removed and replaced LMG upper torque link bolt and bushings and checked rigging on squat switch Ref. Piper PA-46-500 MM 32-60-00....Adjusted NLG rake angle and checked NLG steering clearance....Reinstalled left aft facing passenger seat. Weight and Balance Data revised and placed in POH....C/W Piper SB 1204. Operating history of this aircraft has been determined to be "Category I, Normal Usage" at this time....C/W Piper SB 1293C (Engine Mount Doubler Installation and Towing Placards Replacement) PART II paragraph 3....C/W Piper SL 1131 Aileron Sector Bearing Lubrication Requirements...C/W Piper SL 1211 Audio Bus Wiring Inspection & Fuse Replacement, Group B....C/W FAR91.207(d) by inspecting and testing ELT. No defects noted at this time, next due 12/2018, battery expires:11/2021....C/W Special Inspection (12 months) Propeller heater inspection and functional check per MM.30-60-00....C/W Special Inspection (12 months) Inspect, capacity check and recharge aircraft main batteries....Complied with 12 month special inspection of pilots oxygen mask, no defects noted at this time...C/W Special Inspection (12 months) Removed engine mount heat boots (4 ea.) and visually inspect engine mount to fuselage attach brackets and attaching hardware for condition and security....Cleaned cabin outflow and safety valves as required....Performed annual G1000 checks IAW MM 22-10-00 & 34-20-00....C/W Special Inspection (12 month) Fuel return system inspection and functional check per MM. 28-20-00 pg.13-16....C/W Mid-Continent SAM302 battery test. Confirmed battery has a charge of more than 80% with no warning indication. Battery is good for continued service....Complied with 300 hour special inspection on Oxygen cylinder system, no defects noted at this time....Replaced alternator belt PN 73965-023 & AC compressor belt PN 73965-024....C/W 300 hour starter/generator brush inspection & cleaning. Installed new brushes PN 200SGL1009.Ref. MM 24-30-00....C/W G1000 (3 Year/1000 hrs) inspection of GSA81 Servos IAW MM 22-10-00.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 12/1/2017

SIGNED: Scott Koenig
 Scott Koenig, IA: 2839208

Work Order: 9686-11-2017

Printed by EBIS 3 (datcomedia.com)



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 31926	Hobbs: 386.6	Aircraft TT:	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Install overhaul exchange GWX68 radar unit. Unable to load software and configuration files. Trouble shoot and found corrosion and broken wires due to corrosion at radar connector. Cut wires, redress and install new pins. Clean back shell grounds and reassemble connector. Load software and configuration files successfully. Confirm internal settings and software level. Function test radar unit OK.
GWX68 P/N 011-00883-00 S/N 83953146

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

CRS # HX1R208K

Date: 2/22/2018

1 To				
y Forward				



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 31946	Hobbs: 399.3	Aircraft TT: 399.3	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Replace #1 GMU44 magnetometer P/N 011-00870-00 S/N 47507250. Calibrate magnetometer IAW Garmin G1000 Line Maintenance Manual P/N 190-00303-04 Rev. F. Calibration passed OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Sean Naderfeld 27497901A

Date: 3/6/2018

AIRCRAFT LOG

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

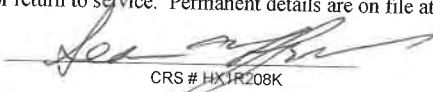
An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO # 31960	Hobbs: 422.8	Aircraft TT:	
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Remove and replace GRS #1 with an overhaul exchange unit. Load software and configuration, re-swing magnetometer IAW Garmin G1000 Line Maintenance Manual P/N 190-00303-00 GRS77 P/N 011-00868-10 S/N 42007833

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

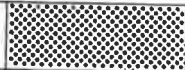
Authorized Signature:



CRS # HX1R208K

Date: 4/18/2018

Total To Carry Forward



C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

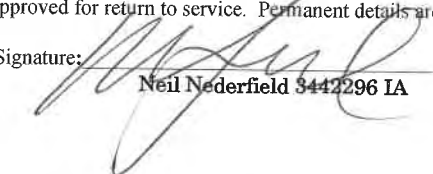


WO # 32185	Hobbs: 437.4	Aircraft TT:	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Jack aircraft and remove Left main wheel. Replace tire and tube. Inspect wheel, brakes, bearings, grease bearings. Reinstall wheel and safety.
2. Brake linings worn beyond limits. Replace all brake linings. Season new linings as per manufacturer's instructions.
3. Perform Compressor Wash using distilled water IAW Pratt & Whitney Manual.
4. Perform 50 Hour Airframe inspection using C&W Form CWF-50H. Copy attached to Work Order and supplied to Owner/Operator.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:



Neil Nederfield 3442296 IA

Date: 5/21/2018

AIRCRAFT LOG

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO # 32217	Hobbs: 447.6	Aircraft TT:	
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Service main struts to spec height 2.5" with nitrogen.

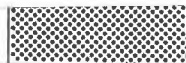
This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: _____

CRS # HX1R208K

Date: 6/5/2018

Total To
Carry Forward



nce

and

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

7/13/2018

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 468.4 :: Aircraft TT: 468.4 :: #1 Engine TT: 468.4 :: Prop. TT: 468.4

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

1) Completed the following Piper recommended special inspection items: 50 hr., 30 day, 90 day, 6 month, one year, main battery capacity check and backup gyro battery capacity check.

2) C/W Piper Service bulletin 1290B by checking the inboard flap bracket rivets in both wheel wells for looseness and found none - next due at 568.4.

3) C/W Piper Service bulletin 1306 to the wheel well ribs and found no cracks - installed "no cracks" strengthening kit part # 88609-002.

4) C/W Piper Service Bulletin 1327 on the aileron cable guide tube behind the panel - guide failed the inspection requirements - installed Piper kit 88630-701 as permanent corrective action.

5) C/W Piper Service Letters 1131 (lube of aileron wing quadrant bearing) & 1135 (cables and pulleys inspection).

6) C/W Piper Service Letter 1202 by replacing two of the four main gear actuator hoses with new 187-273 hoses. The other two hoses were already replaced. No further action is required for this Service Letter.

7) Adjusted rudder trim tab rod ends out 1.5 turns so that the tab is in neutral when the indicator in the cockpit reads zero.

8) Serviced oxygen bottle to 1800 psi with Aviator's Breathing Oxygen.

9) Adjusted nose gear steering clearance per maintenance manual instructions.

10) R+R lift computer (part # C-53006-1, serial # 159285-04) after repairs at Safe Flight as shown on the attached 8130-3 form. Adjusted tip grams settings per Piper Service Letter 1184.

11) Serviced all three struts with fluid and nitrogen per strut placard instructions. Bled air from the co-pilot's RH brake.

12) Cleaned all deicer boots and applied Agemaster and Icx.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed

Edward J. Novak Jr. A+P 2832024 IA

VexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360 N4OR087B
LOG ID# 1584 05-February-2019 WO# 54860 AC TT 598.7
N929DA S/N 4697573 PIPER PA46-500TP TACH 598.7

Pg 1 / 1

AVIONICS UPGRADE TO INCLUDE THE REMOVAL OF: GTX 33ES (PN:011-00779-30 SN:89127964) AND GTX 33ES (PN:011-00779-30 SN:89128053)

AVIONICS UPGRADE TO INCLUDE THE INSTALLATION OF: GTX 335R (PN:011-03301-00 SN:3EF021347) AND GTX 345R (PN:011-03303-00 SN:3EH022917)

THE ALTITUDE REPORTING SYSTEMS (PN:011-00882-10 SN:20618429), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR 43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED TO 30,000 FT.

THE ALTITUDE REPORTING SYSTEMS (PN:011-00882-10 SN:20618438), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR 43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED TO 30,000 FT.

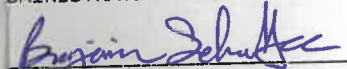
THE ALTITUDE REPORTING SYSTEMS (PN:6420302-1 SN:D17-10733), PITOT, STATIC AND ALTITUDE REPORTING SYSTEMS HAVE BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR 43, APPENDIX E AND F, AS REQUIRED BY FAR 91.411. TESTED TO 30,000 FT.

TC TRANSPONDER (PN:011-03301-00 SN:3EF021347) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR 43, APPENDIX F, AS REQUIRED BY FAR 91.413.

TC TRANSPONDER (PN:011-03303-00 SN:3EH022917) HAS BEEN TESTED AND FOUND TO BE IN COMPLIANCE WITH FAR 43, APPENDIX F, AS REQUIRED BY FAR 91.413.

NOTE: WORK ORDER #5486 ON FILE.

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.


N4OR087B BENJAMIN SCHULTZ



Shoreline Aviation, Inc.
Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

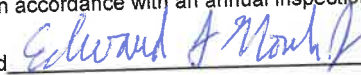
2/6/2019 N929DA PA46-500TP, serial # 4697573 Aircraft Logbook

Hobbs Hours: 598.7 :: Aircraft TT: 598.7 :: #1 Engine TT: 598.7 :: Prop. TT: 598.7

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 02/20. ELT battery is due 11/21.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., b 300 hr str/gen brush wear check, 300 hr oxygen items, 600 hr airframe fuel filter element replacement, 500 hr main gear bolts check, 5900 gear warning check, 30 day, 90 day, 6 month, 1 year, main battery capacity check and L3 standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131 (lube of aileron wing quadrant bearing) & 1135 (cables and pulleys inspection).
- 4) C/W Piper Service Letter 1205 by adding the "Stall Heat Inhib" feature per Piper kit 88590-002 instructions.
- 5) C/W Piper Service Bulletin 1290B by inspecting the inboard flap bracket rivets for looseness and found none. Next due at 698.7.
- 6) C/W Piper Service Spares Letter 478 by installing Rosen sun visors per Piper kit 88615-701 instructions.
- 7) Installed two new Michelin Air 6.00x6 8pr main tires, two new Michelin 092-500-0 inner tubes, two new RA164-07800 brake discs, two new RA068-01100 shims and 8 new 066-06200 brake pads. Installed anew 5.00x5 10 pr nose tire and a new 092-308-0 nose inner tube.
- 8) Added FAA-PMA Tanis Aircraft battery heater blanket per installation instructions provided with kit from Tanis.
- 9) R+R LH elevator inboard static wick with a new unit (part # 456-904).
- 10) Repainted the elevator trim tab indicator tip with white paint.
- 11) Installed a PM Research radome erosion prevention boot (part # PM158).

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed 
Edward J. Novak Jr. A+P 2832024 IA

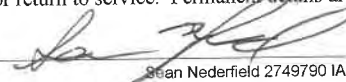
**C&W Aero Services, Inc. CRS# HX1R208K**

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 32960	Hobbs: 650.0	Aircraft TT:	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Autopilot will give an uncommanded disconnect about every 10 hours of flight. Download assert log and send to Garmin for evaluation. Install an overhaul exchange pitch servo. Installation, post install configuration and post install check out done in accordance with Garmin G1000 system maintenance manual P/N 190-00907-00. GSA81 Pitch servo P/N 011-00878-20 S/N 1A1010890.

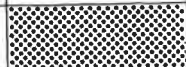
This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: 

Sean Nederfield 2749790 IA

Date: 5/28/2019

Total To Carry Forward

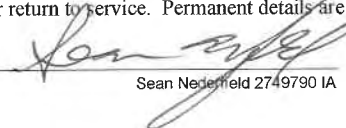
**C&W Aero Services, Inc. CRS# HX1R208K**

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 32177	Hobbs: 458.9	Aircraft TT: 458.9	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Garmin GMU44 #1 is still red X out at altitude. Inspect wiring from GMU44 #1 to bulkhead connector at pressure vessel. Unable to an issue with the wiring. Replace the wiring from GMU44 #1 to cannon connector on pressure vessel. Post check out of system OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: 

Sean Nederfield 2749790 IA

Date: 6/19/2018

AIRCRAFT LOG



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

5/1/2020

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 841.7 :: Aircraft TT: 841.7 :: #1 Engine TT: 841.7 :: Prop. TT: 841.7

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 05/21. ELT batt is due 11/21.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 250 hr., 300 hr, 30 day, 90 day, 6 month, 1 year, 5 year corrosion control items, main battery capacity check and standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), 1272 (elevator spar insp) & 1280 (rudder bar check).
- 4) C/W Piper Service bulletin 1344 by installing Piper kit 88647-002 (Rlay K303 replacement).
- 5) Installed 2 new main tires (Michelin Air 6.00x6 8pr) and two new Michelin 6.00x6 inner tubes. Installed a new Michelin 5.00x5 10pr nose tire and a new Michelin 5.00x5 inner tube. Service all three struts with fluid and nitrogen to maintenance manual recommended settings.
- 6) Set nose gear rake angle to 89.7 degrees and set nose gear steering clearance to .010".
- 7) C/W Piper Service Letter 1236 on the noses gear channel clearance. Clearance adjusted per Letter instructions - no further action is required.
- 8) Resaftied the forward nose gear actuator bolt at the nose gear trunnion using .041" safety wire.
- 9) R+R starter generator (part # 200SGL145Q, serial # S00148) after overhaul by NAASCO. See attached 8130-3 form for more details.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Tot
Car

Signed

John E. Sheehan A+P 3439269 IA

Registration No. _____

Model: PA46-500TP
S/N: 4697573
Reg. No: N929DA



Date: 5/12/2020
Hobbs: 846.8
TAC: N/A

I certify that the # 1 and # 2 Air Data Computer and Standby Altimeter has been tested, inspected, and found to comply with FAR Part 43, Appendix E, per FAR §91.411. The altimeters were tested to a maximum altitude of 30,000 feet.

I certify that the pilot and co-pilot static system was tested and inspected and found to comply with FAR Part 43, Appendix E, per FAR §91.411.

ADC #1: GDC 74A/GDU 1040	P/N: 011-00882-10/011-0974-10	S/N: 20618429/88958396
ADC #2: GDC 74A/GDU 1040	P/N: 011-00882-10/011-0974-10	S/N: 20618438/88958407
Standby Altimeter	P/N MD302	S/N 6420302-1

I certify that the ATC Transponders have been tested and found to comply with FAR Part 43, Appendix F, per FAR §91.413.

The required altitude reporting correspondence checks have been performed and meet the criteria outlined in FAR Part 43, Appendix F.

No 1 Transponder	P/N: 011-03301-00	S/N: 3EF021347
No 2 Transponder	P/N 011-03303-00	S/N: 3EH022917

The aircraft identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No **100406**.

Signed:

For: AMI Aviation Services, LLC

Certified Repair Station # 6A5R818B

Model: PA46-500TP
S/N: 4697573
Reg. No: N929DA



Date: 5/12/20
Hobbs: 846.8
TAC: N/A

Airframe

Maintenance Accomplished:

RVSM STC/Testing/Certification The initial RVSM airworthiness inspection for Piper Model PA-46-500TP (M500) Class 4 airframes was performed in accordance with AeroMech Inc. STC No. SA02654SE and AeroMech Document No.: AM0325-IC01-04, Rev A, Dated January 2020.

The airframe identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under Work Package No. 100418.

Signed:

For: AMI Aviation Services LLC.

Certified Repair Station No 6A5R818B

NexAir Avionics LLC 246 SOUTH MEADOW ROAD GATE 6, HANGAR SW-1 PLYMOUTH, MA 02360
LOG ID# 2592 17-May-2021 WO# 6559 HOBBS 1007.1
N929DA S/N 4697573 PIPER PA46-500TP

Pg 1 / 1

AVIONICS UPGRADE TO INCLUDE REMOVAL OF: GDU1040 PILOT PFD (PN: 011-00972-10 SN: 88958396), GDU1040 COPILOT PFD (PN: 011-00972-10 SN: 88958407), GDU1500 MFD (PN: 011-01108-10 SN: 43216287), GCU 476 KEYBOARD (PN: 011-01237-10 SN: 21905707)

AVIONICS UPGRADE TO INCLUDE INSTALLATION OF: GDU1050 PILOT PFD (PN: 011-03470-00 SN: 494007101), GDU1050 COPILOT PFD (PN: 011-03470-00 SN: 494007103), GDU 1550 MFD (PN: 011-03472-00 SN: 496001896), GCU 476 KEYBOARD (PN: 011-04476-00 SN: 48W000367), FLIGHTSTREAM 510 (PN: 011-03595-00 SN: 402014603)

NOTE: WORK ORDER 6559 ON FILE.

THE ABOVE WORK WAS COMPLETED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK ACCOMPLISHED.

N40R087B BENJAMIN SCHULTZ



Shoreline Aviation, Inc.
Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

5/18/2021

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 1007.1 :: Aircraft TT: 1007.1 :: #1 Engine TT: 1007.1 :: Prop. TT: 1007.1

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 05/22. Installed a new 455-0012 ELT battery - ELT batt is now due 05/28.
 - 2) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check and standby gyro battery capacity check.
 - 3) C/W Piper recommended 1000 hr. Firewall inspection items.
 - 4) C/W Piper recommended 400 hr. Fuel puge system checks.
 - 5) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), 1272 (elevator spar insp), 1280 (rudder bar check), 1285A (tire pressures) & 1286C (NLG Steering adjustments) - only the nose gear steering clearance required slight adjustment.
 - 6) C/W Piper recommended 500 hr main landing gear bolt inspection.
 - 7) R+R 3 static discharge wicks with new units (inboard on LH aileron, center on elevator and RH elevator center).
 - 8) Adjusted aileron cable tensions and resaftied the turnbuckles.
 - 9) Applied 2" wide clear polyurethane anti-chafe tape to the upper surface of both flaps at the contact point to the wing skin trailing edge.
 - 10) Installed all new tires (6.00x6 8pr Michelin Air main tires & 5.00x5 10pr Michelin Air nose tire) and al new Michellin Air-Stop inner tubes.
 - 11) Installed all new 066-06200 brake pads and two new RA068-0110 brake heat shims.
 - 12) Serviced all three struts with fluid and nitrogen per strut placard instructions.
 - 13) Completed 24 month Garmin Compass Swing procedure.
 - 14) C/W Piper Service Bulletin 1290B by inspecting the flap brackets for loose rivets and found none - next due at 1107.1.
 - 15) C/W Piper Service Bulletin 1204 (wing life) and found airplane continues to be Category 1 usage so no change to wing life is necessary.
 - 16) Completed 1000 hr. G1000 checks per maintenance manual (34-25-01) and found no defects.
- I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed

Edward J. Novak Jr. A+P 2832024 IA

AIRCRAFT LOG

Registration No. _____

Date

Model: PA46-500TP
S/N: 4697573
Reg.No N929DA



Date: 3/18/22
Hobbs: 1204.2
TACH: N/A

enance

and Remarks

Signature

Certificate No.

Performed AeroMech ICA's 24-month RVSM checks Ref. Doc # AM0325-1C01-04 Rev.C.

I certify that the altimeters have been tested, inspected, and found to comply with FAR Part 43, Appendix E, per FAR §91.411. The altimeters were tested to a maximum altitude of 30,000 feet.

I certify that the static systems Pilot and Co-Pilot were tested and inspected and found to comply with FAR Part 43, Appendix E, per FAR §91.411.

#1 ADC:	P/N 011-00882-10	S/N 20618429
#2 ADC:	P/N 011-00882-10	S/N 20618438
Standby Altimeter:	P/N 6420302-1	S/N D17-10733

I certify that the ATC Transponders have been tested and found to comply with FAR Part 43, Appendix F, per FAR §91.413. The required altitude reporting correspondence check has been performed and meet the criteria outlined in FAR Part 43, Appendix F.

Transponder #1	P/N: 011-03303-00	S/N: 3EH022917
Transponder #2	P/N: 011-03301-00	S/N: 3EF021347

Total To Carry Forwa

The aircraft identified above was inspected and repaired in accordance with current Federal Aviation Regulations and is approved for return to service only with respect to the work performed. Permanent details of the work performed are on file at this repair station under Work Package No 101147

Signed:
For: AMI Aviation Services, LLC

Certified Repair Station # 6A52818B



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

6/21/2022

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

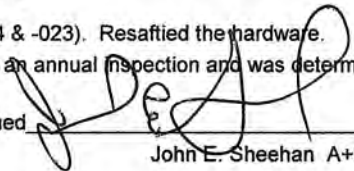
Hobbs Hours: 1278.9 :: Aircraft TT: 1278.9 :: #1 Engine TT: 1278.9 :: Prop. TT: 1278.9

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 06/23. ELT batt is due 05/28.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 300 hr oxygen items, 30 day, 90 day, 6 month, 1 year and standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), SB 1369 (elevator spar insp), SB1290B (flap bracket rivets insp), SB1204 (wing use is still Category one), 1280 (rudder bar check), 1285B (tire pressures), 1286D (NLG Steering adjustments) & 1297 (rudder tube check).
- 4) Removed existing aircraft battery and installed a new Concorde RG41/53 battery (serial # 41227490) per STC SA01050DE. See FAA form 337 dated 6/15/22 for more details.
- 5) Serviced all three struts with fluid and nitrogen per maintenance manual instructions.
- 6) Rotated the LH main tire, R+R both brake discs with new RA164-07800 units and R+R the LH brake pads with new 066-06200 wear pads. Installed 2 new 452-857 bushings and a new 691-315 bolt at the RH upper torque link connection. Adjusted the nose gear squat switch per maintenance manual.
- 7) Drained the LH fuel tank and removed the fuel quantity sensor probes. Cleaned each terminal and reconnected the wires. Reinstalled all 5 fuel quantity probes. Function check the LH fuel quantity OK.
- 8) Reinstalled the LH rear facing seat parts. Weight and balance updated for this and the battery installation in item #4 above.
- 9) R+R LH lightning diverter strip in the vertical fin fairing per Kit # 88559-003 instructions.
- 10) R+R MD302 standby gyro unit with an O/H unit (part # 6420302-1, serial # A21-11097). See 8130-3 form for details. Leak checked #1 pitot and static air systems per FAR91.411 and found no leakage.
- 11) Adjusted the rudder cable tensions and resaftied the turnbuckles.
- 12) Filled the O2 bottle to 1800 psi.
- 13) Installed new A/C & alternator drive belts (part #'s 73965-024 & -023). Resaftied the hardware.

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed


John E. Sheehan A+P 3439269 IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

C&W Aero Services, Inc. CRS# HX1R208K

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

An Authorized Service Center For: **Beechcraft, Mooney Aircraft & Piper**

WO # 35788	Tach: 1303.4	Aircraft TT: 1303.4	
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. CAS Message for Prop Deice Fail. Check on ground and it worked fine. Remove and replace (4) Prop Deice Harnesses on propeller. Ops Checks OK, No Fail Message

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: _____

Sean Nederfield
Sean Nederfield A&P2749790

Date: 7/19/2022

Total To Carry Forward				

Registration No. _____



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

2/17/2023

N929DA

PA46-500TP, serial # 4697573

Aircraft Logbook

Hobbs Hours: 1455.2 :: Aircraft TT: 1455.2 :: #1 Engine TT: 1455.2 :: Prop. TT 1455.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) C/W FAR 91.207(d) on the ELT and noted no defects - next due 02/24. ELT batt is due 05/28.
- 2) Completed the following Piper recommended Special Inspections: 50 hr., 30 day, 90 day, 6 month, 1 year, main battery capacity check and standby gyro battery capacity check.
- 3) C/W Piper Service Letters 1131A (lube of aileron wing quadrant bearing), 1135 (cables and pulleys inspection), 1265 (flight controls check), SB 1369 (elevator spar insp), 1280 (rudder bar check), 1285B (tire pressures), 1286D (NLG Steering adjustments), 1297 (rudder bar check) & 1314 (O2 gens check).
- 4) C/W Piper 400 hr/2 yr fuel purge system checks and filter cleaning.
- 5) C/W Piper 300 hr starter/generator brush wear check and O2 systems checks.
- 6) C/W Piper Service Bulletin 1385 by adding 4 additional rudder skin straps per Bulletin instructions.
- 7) R+R O2 mask (part # MC10-16-105, serial # B000211) with an O/H unit as shown on the attached 8130-3 form. Function check OK. Filled O2 bottle to 1800 psi.
- 8) Resealed both main struts using new 485-082 seals and MS28775-227 o-rings. Resealed the nose strut using new MS28775-229 and -327 o-rings. Serviced all 3 struts with dluid and nitrogen.
- 9) Replaced all 3 tires and tubes with new units. Installed all new 066-06200 brake pads and bled air from both brake systems.
- 10) Added a 472-060 light socket and GE1864 light bulb behind the hydraulic reservoir. Light is wired to the baggage compartment electrical system.
- 11) R+R flap handle knob with a new unit (part # 571-231).

I certify that this Airframe has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed *Edward J. Novak Jr.*

Edward J. Novak Jr. A+P 2832024 IA



Transport
Canada

Transports
Canada

TP 14182
(Revised 05/2005)

Engine Logbook


N929DA
PT6A-42A
PCE-RM0651
Engine Logbook

TC-1001185



05/2005

Canada

Volume #: 1

Opened on: 15 SEP 2014

ENGINE DETAILS

1. Manufacturer Pratt & Whitney Canada Corp.

2. Type/Model/Series E.T.C. E- 12 PT6A- 42A B/S: 1192

3. Serial Number PCE- RMO651

THIS ENGINE SERVICED WITH
bp TURBO 2380
OIL AT THE PIPER FACTORY

CYCLE COUNT AS OF NOV 08 2014

NUMBER OF CYCLES 4

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
15 SEP 2014	○○	○○	○	New engine final acceptance test and inhibiting run completed satisfactorily and is in condition for safe operation.
14 OCT 2014	0.0	00	0	"Applied Procyon corrosion inhibitor to compressor inlet case per Pratt & Whitney Maintenance Manual P/N 3021442 Chapter 72-00-00."

Date: 10-27-2014

Aircraft S/N: 4697573 Reg. Number: N929DA

Aircraft Engine Model: PT6A-42A S/N: PCE-RM0651

TTE: 2.1 Cycles: 2

Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3021442, Chapter/ Section 71-00-00, Power Plant Cleaning, Engine Washing Instructions

Signature: 

Name: Tony Schweitzer A&P Certificate Number: AP3328631



PIPER AIRCRAFT, INC.

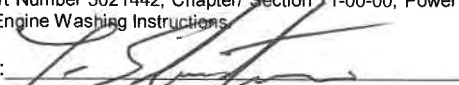
Date: 11-7-2014

Aircraft S/N: 4697573 Reg. Number: N929DA

Aircraft Engine Model: PT6A-42A S/N: PCE-RM0651

TTE: 3.6 Cycles: 4

Performed Engine Water Wash per Pratt & Whitney Maintenance Manual Part Number 3021442, Chapter/ Section 71-00-00, Power Plant Cleaning, Engine Washing Instructions

Signature: 

Name: Tony Schweitzer A&P Certificate Number: AP3328631



PIPER AIRCRAFT, INC.

Signature

AME
ACA/AMO
SCA/AMO

NG/NO 35300 RPM, at 850 SHP/δV0

ITT Trim: 28.2 C°

T5 Trim Resistance: 40.8 Ohms

E. WEISTRA

Y.C. 4-58
NO. 118

AP 3326571 10/14

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 11/19/14

ENGINE LOG

N929DA

Hobbs: 8.7

Model: PT6A-42A

S/N:4697573

ACTT: 8.7

Performed a compressor, inlet and desalination wash per P&W PT6A-42A MM 71-00-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001866

Signature

CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 11/28/14

ENGINE LOG

N929DA

Hobbs: 13.4

Model: PT6A-42A

S/N:4697573

ACTT: 13.4

Performed a compressor, inlet and desalination wash per P&W PT6A-42A MM 71-00-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001867

Signature

CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 01/08/15

ENGINE LOG

N929DA

Hobbs: 24.3

Model: PT6A-42A

S/N:4697573

ACTT: 24.3

Performed a compressor, inlet and desalination wash per P&W PT6A-42A MM 71-00-00.




MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001934

Signature

CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/05/14 ENGINE LOG N929DA Hobbs: 33.7 Model: PT6A-42A S/N:4697573 ACTT: 33.7 Performed a compressor, inlet and desalination wash per P&W PT6A-42A MM 71-00-00.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001976</p> <p>Signature  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257</p>				
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 02/05/15 ENGINE LOG N929DA Hobbs: 33.7 Model: PT6A-42A S/N:4697573 ACTT: 33.7 Performed all diagnostic trouble shooting steps per P&W MM 3021442 72-00-00 figure 104 with no abnormalities. Took oil sample and sent oil filter for analysis. Installed new oil filter PN 3059258-01.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S001975</p> <p>Signature  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257</p>				
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 04/07/15 ENGINE LOG N929DA Hobbs: 55.8 Model: PT6A-42A S/N:4697573 ACTT: 55.8 Performed a compressor, inlet and desalination wash per P&W PT6A-42A MM 71-00-00.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002084</p> <p>Signature  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257</p>				
Empty rows for the table				

Signature

AME
ACA/AMO
SCA/AMO

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 05/18/15

ENGINE LOG

N929DA

Hobbs: 60.9

Model: PT6A-42A

S/N:4697573

ACTT: 60.9

Performed a compressor, inlet and desalination wash per P&W PT6A-42A MM 71-00-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002138

Signature

CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC, Vero Beach, FL (VRB)

Date: 06/10/15

Engine Log

N929DA

Hobbs: 62.2

Model: PT6A-42A

Aircraft SN: 4697573

Engine TT: 62.2

SN: PCE-RM0651

ACTT: 62.2

Accomplished warrantable first 50 hour engine inspection using the Piper PA46-500TP warrantable first 50 hour as a guide. Accomplished a compressor, inlet and CT water wash per P&W 71-00-00. Applied 2 coats of Procyon to the engine inlet per :PS Procyon instructions. Adjusted EDP outlet hose per PA46-500TP MM 28-20-00. Adjusted engine idle per Piper SL1155.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002161 & WO S002163. A.D.'s researched through Rev. 2015.11

Signature

CRS # ECWR470D

Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 7/15/2015

Hobbs 73.2

ETT: 73.2

Work Order: 118

Engine Logbook Entry

N-Number: N929DA

Make: Pratt & Whitney

Model: PT6A-42A

Serial Number: PCE-RM0651

- 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00
- 2 Test run up found all normal


end

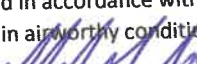
I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<div style="border: 1px solid black; padding: 10px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>DOUBLE M AVIATION</p> <p>3482 Airfield Drive West, Lakeland, FL 33811 863.940.3450 www.doublemaviation.com</p> </div> <div style="width: 25%;"> <p>Date: 8/26/2015 Hobbs 85.2 ETT: 85.2 Work Order: 152</p> </div> <div style="width: 25%;"> <p>N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651</p> </div> </div> <p style="text-align: center;">Engine Logbook Entry</p> <ol style="list-style-type: none"> Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 Test run up found all normal <p style="text-align: center;">end</p> <p>I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3675928 A&P</p> </div>				

<div style="border: 1px solid black; padding: 10px;"> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>DOUBLE M AVIATION</p> <p>3482 Airfield Drive West, Lakeland, FL 33811 863.940.3450 www.doublemaviation.com</p> </div> <div style="width: 25%;"> <p>Date: 10/21/2015 Hobbs 96.7 ETT: 96.7 Work Order: 201</p> </div> <div style="width: 25%;"> <p>N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651</p> </div> </div> <p style="text-align: center;">Engine Logbook Entry</p> <ol style="list-style-type: none"> Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 Test run up found all normal <p style="text-align: center;">end</p> <p>I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3675928 A&P</p> </div>				
---	--	--	--	--

SUN AVIATION, INC., Vero Beach, FL (VRB)
 Date: 11/13/15 **ENGINE LOG** N929DA
 Hobbs: 109.2 Model: PT6A-42A S/N: 4697573
 Eng TT: 109.2 SN: PCE-RM0651

Accomplished an Event I & II Annual Engine Inspection IAW FAR 43, Appendix "D", per Piper PA46-500TP Event I & II Maintenance Manual as a guide. Accomplished a compressor inlet and CT desalination wash per P&W 71-00-00. Accomplish Piper SL1155 ground idle adjustment. Accomplished 600 hour HP fuel pump outlet filter replacement per P&W PT6A-42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W PT6A-42A MM 73-10-02. Repositioned and safetied bleed air clamps per PA46-500TP G1000 MM 21-30-00. Applied Procyon to inlet area per P&W PT6A-42A EMM 72-00-00. Tensioned AC compressor and alternator drive belts per PA46-500TP G1000 MM 21-50-00 and 24-30-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002325 AD's Researched THRU REV. 2015.22

Signature  CRS # ECWR470D
 Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

Signature

AME
ACA/AMO
SCA/AMO



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 1/11/2016
Hobbs 122.4
ETT: 122.4

Work Order: 280

N-Number: N929DA

Make: Pratt & Whitney
Model: PT6A-42A
Serial Number: PCE-RM0651

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00
- 2 Test run up found all normal

end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 1/22/2016
Hobbs 126.4
ETT: 126.4

Work Order: 293

N-Number: N929DA

Make: Pratt & Whitney
Model: PT6A-42A
Serial Number: PCE-RM0651

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel rinse as per P&W Maintenance Manual Chapter 71-00-00
- 2 Test run up found all normal

end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 4/19/2016
Hobbs 132.0
ETT: 132.0

Work Order: 387

N-Number: N929DA

Make: Pratt & Whitney
Model: PT6A-42A
Serial Number: PCE-RM0651

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel wash as per P&W Maintenance Manual Chapter 71-00-00
- 2 Test run up found all normal





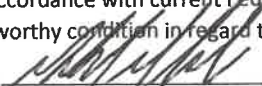
end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<div style="border: 1px solid black; padding: 10px;"> <div style="display: flex; justify-content: space-between;"> <div data-bbox="321 323 834 407">  </div> <div data-bbox="925 323 1136 472"> <p>Date: 4/27/2016 Hobbs 143.7 ETT: 143.7 Work Order: 398</p> </div> <div data-bbox="1185 323 1567 472"> <p>N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651</p> </div> </div> <p style="text-align: center;">Engine Logbook Entry</p> <ol style="list-style-type: none"> 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 2 Test run up found all normal <p style="text-align: center;">end</p> <p>I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3675928 A&P</p> </div>				
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 06/23/16 ENGINE LOG N929DA Hobbs: 146.2 Model: PT6A-42A S/N: 4697573 Eng TT: 146.2 SN: PCE-RM0651</p> <p>Chip detector came on in flight then went out several minutes later. Performed step 8B(6)-8B(8) DF 79-20-02 of P&W PT6A-42A EMM. Found a superficial sliver of metal on the RGB chip detector and no other abnormalities.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002664 & S002666</p> <p>Signature  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257</p>				
<div style="border: 1px solid black; padding: 10px;"> <div style="display: flex; justify-content: space-between;"> <div data-bbox="293 1356 807 1440">  </div> <div data-bbox="893 1356 1104 1505"> <p>Date: 7/25/2016 Hobbs 158.5 ETT: 158.5 Work Order: 486</p> </div> <div data-bbox="1153 1356 1534 1505"> <p>N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651</p> </div> </div> <p style="text-align: center;">Engine Logbook Entry</p> <ol style="list-style-type: none"> 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00 2 Test run up found all normal <p style="text-align: center;">end</p> <p>I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3675928 A&P</p> </div>				

Signature

AME
ACA/AMO
SCA/AMO



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 8/16/2016
Hobbs 170.2
ETT: 170.2

Work Order: 523

N-Number: N929DA

Make: Pratt & Whitney

Model: PT6A-42A

Serial Number: PCE-RM0651

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00
- 2 Test run up found all normal

end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 9/9/2016
Hobbs 177.6
Work Order: 541

N-Number: N929DA
Make: Piper
Model: PA46-500TP
Serial Number: 4697573

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00

end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P



3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 11/4/2016
Hobbs 191.2
Work Order: 541

N-Number: N929DA
Make: Piper
Model: PA46-500TP
Serial Number: 4697573

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel water wash as per P&W Maintenance Manual Chapter 71-00-00


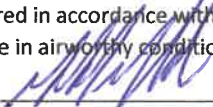
end

I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab

IA 3675928 A&P

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<p>SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 11/11/16 ENGINE LOG N929DA Hobbs: 201.5 Model: PT6A-42A S/N: 4697573 Eng TT: 201.5 SN: PCE-RM0651</p> <p>Accomplished an Event I & II Annual Engine Inspection IAW FAR 43, Appendix "D", per Piper PA46-500TP Event I & II Maintenance Manual as a guide. Accomplished a compressor inlet and CT desalination wash per P&W 71-00-00. Accomplish Piper SL1155 ground idle adjustment. Accomplished 600 hour HP fuel pump outlet filter replacement per P&W PT6A-42A MM 73-10-02. Accomplished 600 hour HP fuel pump inlet screen inspection/cleaning per P&W PT6A-42A MM 73-10-02. Accomplished Piper SB1296 fuel control unit manual override inspection per P&W SB A3487. Applied Corrosion X to RGB per P&W PT6A-42A EMM 72-00-00. Removed breather adapter and reworked flange adapter and reinstalled with new gasket, installed P/N 54026-000 per PA46-500TP G1000 AMM 71-60-00. Applied Procyon to the inlet area per P&W PT6A-42A MM 72-00-00. Replaced left igniter, installed P/N CH34055 per P&W PT6A-42A MM 74-20-00. Accomplished first 200 hour fuel nozzle clean and flow test and boroscope per P&W MM 73-10-05. Replaced hose from breather adapter to exhaust stack, installed P/N's 565-905, 566-466.</p> <p>MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002770 AD's Researched THRU REV. 2016.21</p> <p>Signature  CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257</p>				
<div style="border: 1px solid black; padding: 10px;"> <p>DOUBLE M AVIATION Date: 2/13/2017 N-Number: N929DA 3482 Airfield Drive West, Lakeland, FL 33811 Hobbs 210.5 Make: Piper 863.940.3450 www.doublemaviation.com Work Order: 711 Model: PA46-500TP Serial Number: 4697573</p> <p style="text-align: center;">Engine Logbook Entry</p> <p>1 Completed engine compressor wash and t-wheel rinse per Pratt & Whitney maintenance manual, Chapter 71-00-00 end</p> <p>I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3675928 A&P</p> </div>				

Signature

AME
ACA/AMO
SCA/AMO

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 04/12/17

ENGINE LOG

N929DA

Hobbs: 220.9

Model: PT6A-42A

S/N: 4697573

Eng TT: 220.9

SN: PCE-RM0651

Accomplished a compressor inlet and CT desalination wash per P&W 71-00-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S003043

Signature



CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 05/23/17

ENGINE LOG

N929DA

Hobbs: 237.3

Model: PT6A-42A

S/N: 4697573

Eng TT: 237.3

SN: PCE-RM0651

Accomplished a compressor inlet and CT desalination wash per P&W PT6A-42A MM 71-00-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S003061

Signature



CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

DOUBLE M AVIATION

3482 Airfield Drive West, Lakeland, FL 33811
863.940.3450 www.doublemaviation.com

Date: 5/15/2017

N-Number: N929DA

Hobbs 232.9

Make: Piper

Work Order: 541

Model: PA46-500TP

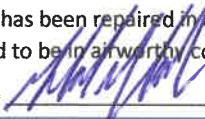
Serial Number: 4697573

Engine Logbook Entry

- 1 Completed engine compressor, inlet, and turbine wheel water rinse as per P&W Maintenance Manual Chapter 71-00-00
end


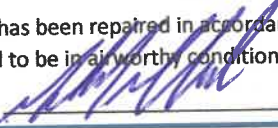

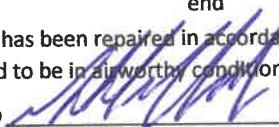


I certify that this aircraft and/or component has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.

Michael M Naab



IA 3675928 A&P

Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
<div style="display: flex; justify-content: space-between;"> <div data-bbox="207 352 716 436">  <p>3482 Airfield Drive West, Lakeland, FL 33811 863.940.3450 www.doublemaviation.com</p> </div> <div data-bbox="808 352 997 499"> <p>Date: 6/21/2017 Hobbs 248.5 ETT: 248.5 Work Order: 541</p> </div> <div data-bbox="1062 352 1398 499"> <p>N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651</p> </div> </div> <p style="text-align: center;">Engine Logbook Entry</p> <p>1 Completed engine compressor, inlet, and turbine wheel water rinse as per P&W Maintenance Manual Chapter 71-00-00</p> <p style="text-align: center;">end</p> <p>I certify that this aircraft and/or component has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3675928 A&P</p>				
<div style="display: flex; justify-content: space-between;"> <div data-bbox="228 871 737 955">  <p>3482 Airfield Drive West, Lakeland, FL 33811 863.940.3450 www.doublemaviation.com</p> </div> <div data-bbox="829 871 1018 1018"> <p>Date: 7/10/2017 Hobbs 263.2 ETT: 263.2 Work Order: 541</p> </div> <div data-bbox="1078 871 1414 1018"> <p>N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651</p> </div> </div> <p style="text-align: center;">Engine Logbook Entry</p> <p>1 Completed engine compressor, inlet, and turbine wheel water rinse as per P&W Maintenance Manual Chapter 71-00-00</p> <p style="text-align: center;">end</p> <p>I certify that this aircraft and/or component has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3675928 A&P</p>				
<div style="display: flex; justify-content: space-between;"> <div data-bbox="224 1392 732 1476">  <p>3482 Airfield Drive West, Lakeland, FL 33811 863.940.3450 www.doublemaviation.com</p> </div> <div data-bbox="818 1392 1040 1539"> <p>Date: 10/25/2017 Hobbs 294.8 ETT: 294.8 Work Order: 964</p> </div> <div data-bbox="1062 1392 1430 1539"> <p>N-Number: N929DA Make: Pratt & Whitney Model: PT6A-42A Serial Number: PCE-RM0651</p> </div> </div> <p style="text-align: center;">Engine Logbook Entry</p> <p>1 Completed engine compressor, inlet, and turbine wheel water rinse as per P&W Maintenance Manual Chapter 71-00-00</p> <p style="text-align: center;">end</p> <p>I certify that this aircraft has been repaired in accordance with current Federal Aviation Agency Regulations and has been determined to be in airworthy condition in regard to the work performed.</p> <p style="text-align: center;">Michael M Naab  IA 3645928 A&P</p>				

Signature

AME
ACA/AMO
SCA/AMO

ENGINE MODEL (#1):
PT6A-42A
ENGINE S/N (#1):
PCE-RM0651
REG. NO: 929DA
WORK ORDER:
9686-11-2017



Flightline Group, Inc.

3256 Capital Circle SW
Tallahassee, Florida 32310
Phone: 850-576-3515

DATE: 12/1/2017
Airframe TT:
ENG TT (#1): 304.4
ENG TC (#1):
HOBBS: 304.4

Engine #1 Entries

C/W Engine Annual Inspection...Replaced both igniters PN CH34055...Replaced beta block assembly PN CA3026...C/W P & W S.B. 3471 Honeywell-Turboprop Engine Fuel Control Unit by performing deceleration check IAW P&W MM 71-00-00. Time to reach idle is 5 seconds. OK to continue...C/W P&WC SB 3490 Installed PY Air Pressure Tube Assembly Support Bracket...C/W Piper SL 1110A Pratt & Whitney Canada SIL NO. PT6A-28A, Compressor & Turbine Washes As An Effective Means of Preventative Maintenance...Inspected & cleaned engine oil scavenge screen in RGB...Cleaned & inspected engine fuel pump inlet screen...Replaced engine fuel pump outlet filter PN AN6235-3A...Cleaned and treated engine compressor inlet case with Procyon...Inspected AGB internal scavenge oil pump pick-up screen. No defects found...Cleaned engine. Operational and leak checks satisfactory.

The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness.

DATE: 12/1/2017

SIGNED:

Work Order: 9686-11-2017

Scott Koenig, IA: 2839208

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SUN AVIATION, INC., Vero Beach, FL (VRB)

Date: 01/19/18

ENGINE LOG

N929DA

Hobbs: 364.2

Model: PT6A-42A

S/N: 4697573

Eng TT: 364.2

SN: PCE-RM0651

Accomplished a compressor inlet and CT desalination wash per P&W PT6A-42A MM 71-00-00.

MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S003391

Signature

CRS # ECWR470D

Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 32185	Hobbs: 437.4	Aircraft TT:	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Manual.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Neil Nederfield 3442296 IA

Date: 5/21/2018

Section



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

D

7/13/2018

N929DA

PA46-500TP, serial # 4697573

Engine Logbook

task

Hobbs Hours: 468.4 :: Aircraft TT: 468.4 :: #1 Engine TT: 468.4 :: Prop. TT: 468.4

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Completed compressor performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) Ground runup and functional checks completed with satisfactory results and no fuel or oil leaks noted.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr. A+P 2832024 IA



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

2/6/2019

N929DA

PA46-500TP, serial # 4697573

Engine Logbook

Hobbs Hours: 598.7 :: Aircraft TT: 598.7 :: #1 Engine TT: 598.7 :: Prop. TT: 598.7

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Completed performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) Completed 400 hr. Fuel flow nozzles flow checks (see attached 8130-3 form for more details). Completed borescope check of hot section per engine maintenance manual and noted no abnormal conditions.
- 3) Installed two new CH34055 ignitors.
- 4) Ground runup and systems functional checks completed with no fuel or oil leaks noted.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr. A+P 2832024 IA



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 32530	Hobbs: 518.9	Aircraft TT: 518.9	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.
2. Tension standby alternator belt.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

Date: 9/28/2018

Sean Nederfield 2749790 IA

**C&W Aero Services, Inc. CRS# HX1R208K**

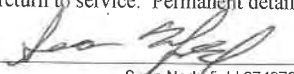
19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 32960	Hobbs: 650.0	Aircraft TT:	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

AME
ACA/AMO
SCA/AMO

1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: 

Date: 5/28/2019

Sean Nedderfield 2749790 IA



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

10/2/2019 N929DA PA46-500TP, serial # 4697573 Engine Logbook

Hobbs Hours: 757.9 :: Aircraft TT: 757.9 :: #1 Engine TT: 757.9 :: Prop. TT: 757.9

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Completed compressor performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) Installed a new CA3026 beta block assembly.
- 3) Adjusted alternator drive belt tension and resafted the hardware.
- 4) Completed ground runup and functional checks and noted no fuel or oil leaks.

I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed: 

John E. Sheehan A+P 3439269 IA


**C&W Aero Services, Inc. CRS# HX1R208K**

19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 33615	Hobbs: 796.7	Aircraft TT: 796.7	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.
2. Service all 3 struts with nitrogen to proper height.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature: 

Date: 1/3/2020

CRS # HX1R208K

Section



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

Date
--/--

5/1/2020

N929DA

PA46-500TP, serial # 4697573

Engine Logbook task

Hobbs Hours: 841.7 :: Aircraft TT: 841.7 :: #1 Engine TT: 841.7 :: Prop. TT: 841.7

Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide.

- 1) Completed compressor desalinization wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) C/W Pratt & Whitney SB3501A by installing a new fuel/oil heat exchanger part # 10994A, serial # 61415.
- 3) R+R starter/generator after overhaul - see airframe log for more details.
- 4) Installed a new CA3026 beta block.
- 5) Completed ground runup and functional checks with satisfactory results and noted no fuel or oil leaks.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

John E. Sheehan A+P 3439269 IA



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

Engine Logbook

5/18/2021

N929DA

PA46-500TP, serial # 4697573

Hobbs Hours: 1007.1 :: Aircraft TT: 1007.1 :: #1 Engine TT: 1007.1 :: Prop. TT: 1007.1

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) Completed compressor desalinization water wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) R+R fuel nozzles after recertification at Heritage Turbines as shown on the attached 8130-3 form. Nozzles reinstalled with new gaskets and fuel tube o-rings. Completed borescope check of the hot section per engine maintenance manual instructions and found that CT blade tip rub had occurred with metal transfer to the shroud segments and slight CT blade tip leading edge wear had occurred. Split engine at C flange and removed the CT disc. Checked CT blade tip clearances and found within limits. Removed CT disc and completed localized grinding to remove the transferred metal from the shroud segments at the 9 o'clock position (looking aft). Found 5 small combustion liner cracks (all within limits and found the PT Stator to be cracked on the inner ring at the 4 o'clock position (looking forward). Crack is well within allowable limits - it does not go all the way through the inner ring. Reinstalled CT disc using a new CT bolt lock washer. Reinstalled power section using a new C flange seal ring and all new o-ring seals.
- 3) Completed 1000 hr spscial inspection items by installing a new oil filter element and P3 air filter element.
- 4) Installed a new CA3026 beta block.
- 5) Adjusted alternator and A/C drive belt tensions and resafted the hardware.
- 6) Adjusted Ng idle speed to 64.5 % with generator and A/C both on.
- 7) Ground runup and systems functional checks completed with satisfactory results and no fuel or oil leaks noted.

I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr. A+P 2832024 IA

11/12/2021 N929DA

PA46-500TP, serial # 4697573

Engine Logbook

Hobbs Hours: 1143.2 :: Aircraft TT: 1143.2 :: #1 Engine TT: 1143.2 :: Prop. TT: 1143.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) Completed compressor desalinization water wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) Completed 300 hr. Str/gen brush wear check and found OK.
- 3) Retensioned the alternator and air conditioning drive belts and resafties the hardware.
- 4) Adjusted idle speed tw flats CCW to lower the idle slightly.
- 5) Ground runup and systems functional checks completed with satisfactory results and no fuel or oil leaks noted.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed

John E. Sheehan A+P 3439269 IA



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 34315	Hobbs: 917.7	Aircraft TT:	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500P

1. Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

CRS # HX1R208K

Date: 11/10/2020



C&W Aero Services, Inc. CRS# HX1R208K



19 Wright Way, Suite #3, Fairfield, NJ 07004 (973) 227-5750

WO # 34477	Hobbs: 956.7	Aircraft TT: 956.7	Cycles:
Reg. #: N929DA	Ser #: 4697573	Manuf.: Piper	Model: PA46-500TP

Perform Compressor Wash using distilled water IAW Pratt & Whitney Maintenance Manual P/N 3021442 and Piper PA46-500TP Maintenance Manual P/N 767-072, Engine Motoring Washes. Post wash engine run up OK.

This aircraft, airframe, aircraft engine, or appliance was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Permanent details are on file at this Repair Station.

Authorized Signature:

CRS # HX1R208K

Date: 2/10/2021

Section 1: Record of



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

6/21/2022 N929DA

PA46-500TP, serial # 4697573

Engine Logbook

Hobbs Hours: 1278.9 :: Aircraft TT: 1278.9 :: #1 Engine TT: 1278.9 :: Prop. TT: 1278.9

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) Completed performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) R+R beta block with a new unit (part # CA3026).
- 3) Adjusted Ng idle speed to 65% (64.7% with A/C & generator on).
- 4) Ground runup and systems functional checks completed with satisfactory results and no fuel or oil leaks noted.

I certify that this Engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed

Edward J. Novak Jr. A+P 2832024 IA



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

2/17/2023

N929DA

PA46-500TP, serial # 4697573

Engine Logbook

Hobbs Hours: 1455.2 :: Aircraft TT: 1455.2 :: #1 Engine TT: 1455.2 :: Prop. TT 1455.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

- 1) Completed performance recovery wash and compressor turbine water wash per engine maintenance manual instructions.
- 2) R+R fuel nozzles after recertification at Heritage Turbines as shown on the attached 8130-3 form. Nozzles reinstalled with new gaskets and fuel tube o-rings. Completed borescope check of the hot section per engine maintenance manual instructions and found no abnormal conditions.
- 3) Removed fuel control unit and sent to Pratt & Whitney for compliance with Service Bulletin 3582R5 and O/H. Reinstalled unit (part # 4138014-2, serial #C82415) upon return using new o-rings. Adjusted Ng idle speed, maximum reverse and the manual override control per airplane maintenance manual. See attached 8130-3 form for more details.
- 4) Cleaned and inspected both engine chip detectors and found no contaminants.
- 5) Retensioned the alternator drive belt and resafited the hardware.
- 6) Ground runup and systems functional checks completed with satisfactory results and no fuel or oil leaks noted.

I certify that this ~~Aircraft~~ ^{Engine} has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Shoreline Aviation, Inc.
93 Old Colony Lane
Marshfield, MA 02050
781-837-8521

Signed

Edward J. Novak Jr. A+P 2832024 IA

Service des accessoires - Accessories Services



Pratt & Whitney Canada

Une société de United Technologies / A United Technologies Company

Pratt & Whitney Canada Ck
1000, Marie-Victorin
Longueuil, Québec, Canada
J4G 1A7
450-677-9411

Page 1 De/Of 3
No. 6419901-0020
Date 2023/02/14

P&WC_JR3_0044_E(2012-10)

Relevé d'état de composants - Component Summary Condition Report

En état de livraison - As Received Condition

Numéro de certification pour suivi d'imprimé: 8000348020/42543579
 Form Tracking Number of Certification:
 Client: Shoreline Aviation Inc.
 Customer:
 N° de bon de commande du Client: 11569
 Customer PO Number:
 N° de la pièce: 4138014-1
 Part Number:
 N° de série: C82415
 Serial Number:
 TSN: 1455.2 TSO:
 N° de bon de commande: 6419901-0020
 P&WC Sales Order No.:
 Employé des ventes:
 Sales Employee:
 Date de création du bon de commande client: 2023/01/18
 Customer PO Creation Date:
 Description de la pièce: FUEL CONTROL UNIT
 Part Description:
 Modèle de moteur:
 Engine Model:
 A.T.A.: HWL73-20-35

Raison de démontage du Client: Overhaul
 Customer Stated Reason for Removal:
 Texte détaillé - Long Text:
 R.F.R.: 6 YEAR FCU SERVICE/OVERHAUL AND COMPLETE SB 3482

Essayé en état de réception - Tested as Received: None

Liste des pièces remplacées - List of Parts Replaced

Nouvelles pièces - New Parts

N° de la pièce - Part Number	Description de la pièce - Part Description	Qté Qty	Raison du remplacement - Reason for Replacement
2520503	BEARING BALL	2	Standard Replacement
2521724-1	SPRING SPIRAL TORSION	1	Required for Test
2522135	SPRING SPEED BIAS	1	Service Bulletin Incorporation
2523185	WASHER	1	Worn at Contact Face
2523188	GASKET	1	Standard Replacement
2523240	BEARING BALL	2	Standard Replacement
2523613	LEVER ASSEMBLY GOVERNOR	1	Dimension Under Minimum

HARTZELL PROPELLER INC.
One Propeller Place
Piqua, Ohio 45356-2634 U.S.A.
Telephone: 937.778.4200
Telex: 4332032
Fax: 937.778.4391

HARTZELL

PROPELLER LOGBOOK

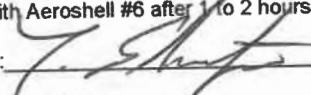

PROPELLER MODEL HC-E4N-3Q


PROPELLER S/N HH4976





N929DA
HC-E4N-3Q
HH4976
Propeller Logbook

LOGBOOK # 1

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
<h1>Propeller Log</h1>			
Date: <u>10-27-2014</u>	Hobbs Time: <u>2.1</u>		
Aircraft S/N: <u>4697573</u>	Reg. Number: <u>N929DA</u>		
Prop Model: <u>HC-E4N-3Q</u>	S/N: <u>HH4976</u>		
Complied with Hartzell Propeller Owner's Manual			
<u>149. 6-5 THRU 6-9</u>			
Performed Lubrication of Prop by Manufacturer during Flight Testing with Aeroshell #6 after 1 to 2 hours operation.			
Signature: 			
Name: <u>Tony Schweitzer</u>	A&P Certificate Number: <u>AP3328631</u>		
 PIPER AIRCRAFT, INC.			

SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 06/10/15 PROPELLER LOG N929DA Hobbs: 62.2 Model: HC-E4N-3Q Aircraft SN: 4697573 Prop TT: 62.2 Hub SN: HH4976 Prop TSO: 62.2			
Accomplished a warrantable first 50 hour propeller inspection per the warrantable first 50 hour PA46-500TP checklist. Removed propeller and sent to Air Prop Specialist for repair, installed repaired P/N HC-E4N-3Q SN HH4976 per PA46-500TP G1000 MM 61-10-00.			
MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002161 A.D.'s researched through Rev. 2015.11			
Signature:  CRS # ECWR470D Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257			

Date	P TSI	
		SUN AVIATION, INC., Vero Beach, FL (VRB) Date: 11/11/16 PROPELLER LOG N929DA Hobbs: 201.5 Model: HC-E4N-3Q S/N: 4697573 Prop TSN: 201.5 SN: HH4976 ACTT: 201.5 Accomplished an Event I & II Propeller Inspection IAW FAR 43, Appendix "D", using the Piper. PA46-500TP inspection report as a guide. Profiled and painted propeller per Hartzell owners manual 149 chapter 61-00-49. MAINTENANCE RELEASE: This aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, engine and or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office, WO # S002770 AD's Researched THRU REV. 2016.21 Signature <i>[Signature]</i> CRS # ECWR470D Sun Aviation, Inc. Municipal Airport, Vero Beach, FL 32961 (772) 562-9257

		PROP MODEL (#1): HC-E4N-3Q PROP S/N (#1): HH4976 REG. NO: 929DA WORK ORDER: 9686-11-2017 Prop #1 Entries C/W Propeller Annual Inspection...Dressed Propeller Blades....Lubricated propeller. The aircraft, engine, propeller, or appliance identified above has been inspected per current FAA regulations in accordance with an Annual Inspection, referencing Event 1 and Event 2 Inspections as listed in the latest revision of the Piper Meridian Inspection Guide and was found to be in an airworthy condition. This release in no way certifies future airworthiness. DATE: 12/1/2017 SIGNED: <i>[Signature: Scott Koenig]</i> Work Order: 9686-11-2017 Scott Koenig, IA: 2839208 Printed by EBis 3 (datcomedia.com)
		 Flightline Group, Inc. 3256 Capital Circle SW Tallahassee, Florida 32310 Phone: 850-576-3515  Shoreline Aviation, Inc. Marshfield Municipal Airport George Harlow Field (GHG) 93 Old Colony Lane Marshfield, MA 02050 7/13/2018 N929DA PA46-500TP, serial # 4697573 Propeller Logbook Hobbs Hours: 468.4 :: Aircraft TT: 468.4 :: #1 Engine TT: 468.4 :: Prop. TT: 468.4 Completed annual inspection in accordance with FAR 43, app. D using Piper forms for Events #1 & #2 from the maint. manual as a guide. I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Signed <i>[Signature: Edward J. Novak Jr.]</i>



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

Date

11/12/2021 N929DA

PA46-500TP, serial # 4697573

Propeller Logbook

Hobbs Hours: 1143.2 :: Aircraft TT: 1143.2 :: #1 Engine TT: 1143.2 :: Prop. TT: 1143.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed


John E. Sheehan A+P 3439269 IA



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

6/21/2022 N929DA

PA46-500TP, serial # 4697573

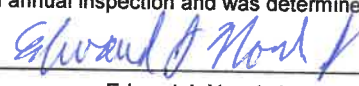
Propeller Logbook

Hobbs Hours: 1278.9 :: Aircraft TT: 1278.9 :: #1 Engine TT: 1278.9 :: Prop. TT: 1278.9

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed


Edward J. Novak Jr. A+P 2832024 IA



Shoreline Aviation, Inc.

Marshfield Municipal Airport
George Harlow Field (GHG)
93 Old Colony Lane
Marshfield, MA 02050

2/17/2023 N929DA

PA46-500TP, serial # 4697573

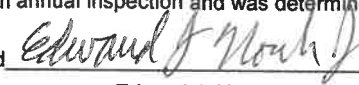
Propeller Logbook

Hobbs Hours: 1455.2 :: Aircraft TT: 1455.2 :: #1 Engine TT: 1455.2 :: Prop. TT 1455.2

Completed annual insp. Per FAR part 43, app. D using Piper Event #1 & #2 inspection forms as guides.

I certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signed


Edward J. Novak Jr. A+P 2832024 IA